



Experiential Learning

1. Internship to understand corporate learning environment
2. Capstone Project Work
3. Laboratory Sessions to correlate theoretical and practical learning with Courses offering Experiential Learning
4. Hackathon events to enhance Technical & logical thinking skills
5. Self-learning through MOOC Platforms
6. ICT Based Learning



A T M E
College of Engineering



Department of Electrical and Electronics Engineering

Internship to understand corporate learning environment

Department of Electrical and Electronics Engineering

Experiential Learning

a. Internship

The Department encourages students to undergo internship and bridge the gap between Industry student exposure by offering platform to enhance their skillset.

Initiative

Sl. No.	USN	Name	Company	Domain
1.	4AD15EE006	BINDHU V	CISCO	CCNA (IT)
2.	4AD15EE012	GULABI P	CISCO	CCNA (IT)
3.	4AD15EE021	NAIK NEHA SURESH	CISCO	CCNA (IT)
4.	4AD17EE001	AKSHAY D	CISCO	CCNA (IT)
5.	4AD17EE050	ASHWINI C R	CISCO	CCNA (IT)
6.	4AD17EE006	ASHWINI DS	CISCO	CCNA (IT)
7.	4AD17EE011	GAGANA.S	CISCO	CCNA (IT)
8.	4AD17EE021	MOHAMED FARIS	CISCO	CCNA (IT)
9.	4AD17EE028	RACHANA K GOWDA	CISCO	CCNA (IT)
10.	4AD17EE038	SYED RAWOOFUR RAHMAN	CISCO	CCNA (IT)
11.	4AD18EE402	KAVYA H M	CISCO	CCNA (IT)
12.	4AD18EE401	IMPANA S G	CISCO	CCNA (IT)
13.	4AD18EE405	PAVAN.M	CISCO	CCNA (IT)
14.	4AD18EE404	PALLAVI P N	CISCO	CCNA (IT)
15.	4AD17EE018	MAMATHA	Routes Technologies	PYTHON(ML,AI,DS,DJANGO)
16.	4AD17EE033	SHWETHA N	Routes Technologies	PYTHON(ML,AI,DS,DJANGO)
17.	4AD17EE004	ASHA P	Routes Technologies	PYTHON(ML,AI,DS,DJANGO)
18.	4AD16EE034	RAKSHITH K N	Gustovalley Technologies	Industry 4.0 (CORE)
19.	4AD16EE036	ROHITH D	Gustovalley Technologies	Industry 4.0 (CORE)
20.	4AD17EE002	ARPITHA R	Gustovalley Technologies	Industry 4.0 (CORE)
21.	4AD17EE007	B ROSHAN	Gustovalley Technologies	Industry 4.0 (CORE)
22.	4AD17EE008	DEEPTHI M	Gustovalley Technologies	Industry 4.0 (CORE)
23.	4AD17EE009	DHANYATHA M	Gustovalley Technologies	Industry 4.0 (CORE)
24.	4AD17EE012	HARSHA K M	Gustovalley Technologies	Industry 4.0 (CORE)
25.	4AD17EE013	HASEEBULLA BAIG	Gustovalley Technologies	Industry 4.0 (CORE)

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26.	4AD17EE014	INDRANI L	Gustovalley Technologies	Industry 4.0 (CORE)
27.	4AD17EE015	JOSHUA H RAYAPURI	Gustovalley Technologies	Industry 4.0 (CORE)
28.	4AD17EE016	LOKESH D	Gustovalley Technologies	Industry 4.0 (CORE)
29.	4AD17EE017	MAHADEVASWAMY A S	Gustovalley Technologies	Industry 4.0 (CORE)
30.	4AD17EE019	MANOJ K.N	Gustovalley Technologies	Industry 4.0 (CORE)
31.	4AD17EE022	MOHAMMED HUZAIF	Gustovalley Technologies	Industry 4.0 (CORE)
32.	4AD17EE023	MOHAMMED SHAH FAISAL MP	Gustovalley Technologies	Industry 4.0 (CORE)
33.	4AD17EE026	PRASHANTH.R	Gustovalley Technologies	Industry 4.0 (CORE)
34.	4AD17EE027	PRIYANKA P D	Gustovalley Technologies	Industry 4.0 (CORE)
35.	4AD17EE029	RAMYASHREE. S	Gustovalley Technologies	Industry 4.0 (CORE)
36.	4AD17EE030	RUQUIA NAAZ KHANUM	Gustovalley Technologies	Industry 4.0 (CORE)
37.	4AD17EE031	SAHANA B	Gustovalley Technologies	Industry 4.0 (CORE)
38.	4AD17EE034	SIMRAH FATHIMA	Gustovalley Technologies	Industry 4.0 (CORE)
39.	4AD17EE035	SOWMYA M N	Gustovalley Technologies	Industry 4.0 (CORE)
40.	4AD17EE036	SUPRITHA R	Gustovalley Technologies	Industry 4.0 (CORE)
41.	4AD17EE039	TASMIYA DOUHA	Gustovalley Technologies	Industry 4.0 (CORE)
42.	4AD17EE040	VARUN A	Gustovalley Technologies	Industry 4.0 (CORE)
43.	4AD17EE041	VEDAVATHI R	Gustovalley Technologies	Industry 4.0 (CORE)
44.	4AD17EE042	VIKAS M V	Gustovalley Technologies	Industry 4.0 (CORE)
45.	4AD17EE401	KIRAN KUMAR G	Gustovalley Technologies	Industry 4.0 (CORE)
46.	4AD18EE403	NAGENDRASWAMY	Gustovalley Technologies	Industry 4.0 (CORE)
47.	4AD18EE406	PRAKASH M R	Gustovalley Technologies	Industry 4.0 (CORE)
48.	4AD18EE407	RAVISHANKAR Y K	Gustovalley Technologies	Industry 4.0 (CORE)
49.	4AD18EE408	ROHITH K P	Gustovalley Technologies	Industry 4.0 (CORE)
50.	4AD18EE410	SHARATH H S	Gustovalley Technologies	Industry 4.0 (CORE)
51.	4AD18EE411	SMITHA M P	Gustovalley Technologies	Industry 4.0 (CORE)
52.	4AD17EE043	VIRAT S MIRLE	LeePra	PCB Design (CORE)

Department of Electrical and Electronics Engineering

Sample Internship Certificate

Few of the sample certificate is as follows:

4AD17EE034	SIMRAH FATHIMA
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4AD17EE050	ASHWINI C R
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CCNA Routing and Switching: Introduction to Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Explain network technologies.
- Explain how devices access local and remote network resources.
- Describe router hardware.
- Explain how switching operates in a small to medium-sized business network.
- Design an IP addressing scheme to provide network connectivity for a small to medium-sized business network.
- Configure initial settings on a network device.
- Implement basic network connectivity between devices.
- Configure monitoring tools available for small to medium-sized business networks.

ASHWINI C R

Student

ATME College of Engineering

Academy Name

India

Location

Kiran B

Instructor

10 Apr 2021

Date

Instructor Signature



ATME

College of Engineering



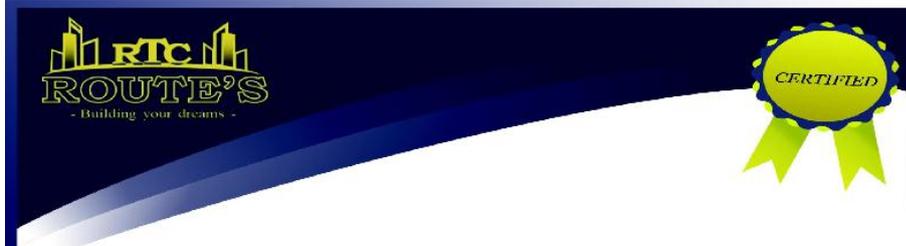
ISO 9001:2015



Department of Electrical and Electronics Engineering

4AD17EE004

ASHA P



Certificate of Internship

THIS IS TO CERTIFY THAT

Ms. ASHA P A Student Of **ATME COLLEGE OF ENGINEERING, MYSURU**, has successfully completed **PYTHON(ML,AI,DS,DJANGO) Internship** held at **ROUTE'S TECHNOLOGIES, Mysore**. From **Aug-10th 2020** to **NOV-10th 2020**

We found her sincere hardworking, dedicated and result oriented She worked well as part of the team during her tenure We take this opportunity to thank her and wish her all the best for her future

Chandan N Gowda
DIRECTOR, CEO

804 SRI ARCADE , DR. RAJKUMAR MAIN ROAD, MYSURU - 29 ROUTESTECHNOLOGIES2019@GMAIL.COM


Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



Department of Electrical and Electronics Engineering

Sample Report

4AD17EE034	SIMRAH FATHIMA
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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI, KARNATAKA-590 018**



**“Internship/Professional Practice on Industry 4.0 - Gustavoalley
Technovations”**

Submitted for partial fulfilment of the requirement for the award of the degree
of
**Bachelor of Engineering
In
Electrical and Electronics Engineering**

Submitted by
SIMRAH FATHIMA **4AD17EE034**

Under the Guidance of
Mr. Shreeshayana R
Professor and Head of the Department, Department of EEE,
ATMECE, Mysuru



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College of Engineering

Department of Electrical and Electronics Engineering
ATME COLLEGE OF ENGINEERING
13 KM Stone, Mysuru-Kanakapura-Bengaluru Road, Mysuru-570028

2020-2021

Internal Guide

Department of Electrical and Electronics Engineering

CHAPTER 1: INTRODUCTION OF INDUSTRY 4.0

1.3 Objectives of the Internship

The objectives of this Internship are as follows:

- To learn basics of Embedded system and IoT by understanding one of the most commonly used Microcontroller for Prototyping in Industry.
- Upgradation of Host Server to monitor and control the IOT system.
- To learn Operations, Datatypes, Decision making, Looping, Functions and Classes using Python basics.
- Insight of an Augmented Reality application with VR options to visualize the data in the virtual world.

1.4 Importance of real-time applications

One of the buzzwords in the Information Technology is Internet of Things (IoT). The future is Internet of Things, which will transform the real-world objects into intelligent/virtual objects. The IoT aims to unify everything in our world under a common infrastructure, giving us not only control of things around us, but also keeping us informed of the state of the things.

Embedded system design is crucial for the development of industry, technology, and science, and it is an area that has significantly grown in recent years throughout Latin America, both in academia and in industry. Embedded System refers to electronic equipment with a computing core which, unlike a personal computer, is designed to meet a specific function and is usually optimized to satisfy strict requirements of processing time, reliability, power consumption, size, and cost. With the advancement of research on the domains of Internet of Things (IoT) and Cloud Computing and their endless application possibilities, Embedded systems have gained new roles and assumed unquestionable importance in our daily lives.

1. INTRODUCTION OF INDUSTRY 4.0



1.1 Abstract

An internship is a period of work experience offered by an organization for a limited period of time. They are typically undertaken by students and graduates looking to gain relevant skills and experience in a particular field.

Industry 4.0 is representing the fourth revolution that has occurred in manufacturing from the first industrial revolution (mechanization through water and steam power) to the mass production and assembly lines using electricity in the second, the fourth industrial revolution will take what was started in the third with the adoption of computers and automation and enhance it with smart and autonomous systems fueled by data and machine learning. The technologies of Industry 4.0 gave a knowledge on Embedded System and IoT, web development, Python, Data Management and Android app development.

This Internship program is done under Industry 4.0 in Gustavoalloy Technovations through online learning.

1.2 Company Profile

Gustovalloy Technovations is a limited Liability Partnership firm incorporated on 12 December 2018. It is registered at Register of companies in Coimbatore. Gustavoalloy Technovations is an automation-based company working towards the goal of Digital transformation. Gusto Learn is the initiative of Gustavoalloy technovations which focuses on offering industry training to the students.

This course is designed in such a way to get complete hands-on experience and for understanding the concept by working on projects and assignments to solve real-time problems. |

1.5 Features and Benefits

As the adoption of Industrial standard training with real-time applications is increasing day by day across various industries, the scope for the skill sets will be enormous for the driving technologies of Industry 4.0.

1. The technologies of Industry 4.0 include Integrated System, IoT, Data Management, Cloud Computing, Cyber security, Artificial Intelligence, Additive Manufacturing, Augmented Reality.
2. This manufacturing revolution will increase productivity, shift economies, foster industrial growth, and modify the profile of the workforce ultimately changing the competitiveness of companies and regions.

1.6 Chapter Outline

Chapter 1: This chapter brief about the abstract of Industry 4.0 Organization with company profile, features and benefits and the objectives of the Internship.

Chapter 2: This chapter describes the key skill sets that was developed during this Internship program.

Chapter 3: This chapter describes the project carried out on Embedded systems and Data science.

Chapter 4: This chapter describes the Internship outcomes.

Chapter 5: This chapter describes the conclusion of the Internship program.

Department of Electrical and Electronics Engineering

CHAPTER 3: CASE STUDY

Steps:

- Step 1:** Open the Tinkercad simulation software and click on new Project.
- Step 2:** First choose an Arduino UNO board and place it. Select three LED's namely Red, Yellow and Green and connect it to Pin 13,12 and 5.
- Step 3:** The anodes of the LED's must be grounded. Connect three resistors R1, R2 and R3 of 220 ohm to the respective cathodes of the LEDs.
- Step 4:** During the following code which makes the Red LED glow for 10 seconds and stop, Yellow LED glow for 2 seconds and stop and Green LED glow for 10 seconds and repeat the process.

Code:

```

Text
1 /*
2  * This program blinks pin 13 of the Arduino (the
3  * built-in LED)
4  */
5
6 void setup()
7 {
8   pinMode(13, OUTPUT);
9   pinMode(12, OUTPUT);
10  pinMode(5, OUTPUT);
11 }
12
13 void loop()
14 {
15   // turn the LED on (HIGH is the voltage level)
16   digitalWrite(13, HIGH);
17   digitalWrite(12, LOW);
18   digitalWrite(5, LOW);
19
20   delay(10000); // Wait for 10 seconds
21   // turn the LED off by making the voltage LOW

```

3.1. Tinkercad simulation on Traffic Light Control System

Objective:

Case study related to embedded systems - To design a traffic light control system.

Components used:

Name	Quantity	Component
U1	1	Arduino UNO R3
R1	3	220 ohm resistors
R2		
R3		
DSTOP	1	RED LED
DWAIT	1	YELLOW LED
DGO	1	GREEN LED

Circuit Diagram:

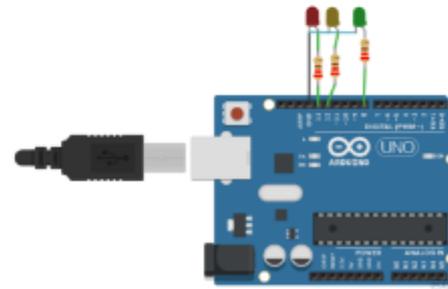


Fig:- Circuit Diagram

```

22 digitalWrite(13, LOW);
23 digitalWrite(12, HIGH);
24 digitalWrite(5, LOW);
25 delay(2000); // Wait for 2 seconds
26
27 digitalWrite(13, LOW);
28 digitalWrite(12, LOW);
29 digitalWrite(5, HIGH);
30 delay(10000); // Wait for 10 seconds
31
32 }
Serial Monitor

```

Outcome:

When the simulation is started, the Red LED glows for 10 seconds indicating STOP, the Yellow LED glows for 2 seconds indicating WAIT and the Green LED glows for 10 seconds indicating GO.



A T M E

College of Engineering



ISO 9001:2015



Department of EEE
Emitting Elite Energy

Department of Electrical and Electronics Engineering

Capstone Project Work

Department of Electrical and Electronics Engineering

Experiential Learning

Students are encouraged to develop models, catering to the societal needs. Advanced and slow learners are combined **encouraging peer to peer learning**. Project phase is conducted in ODD and EVEN semester to suggest improvements and monitor progress by the Project Committee.

- a. Few Sample Project Work by the students is as shown below:

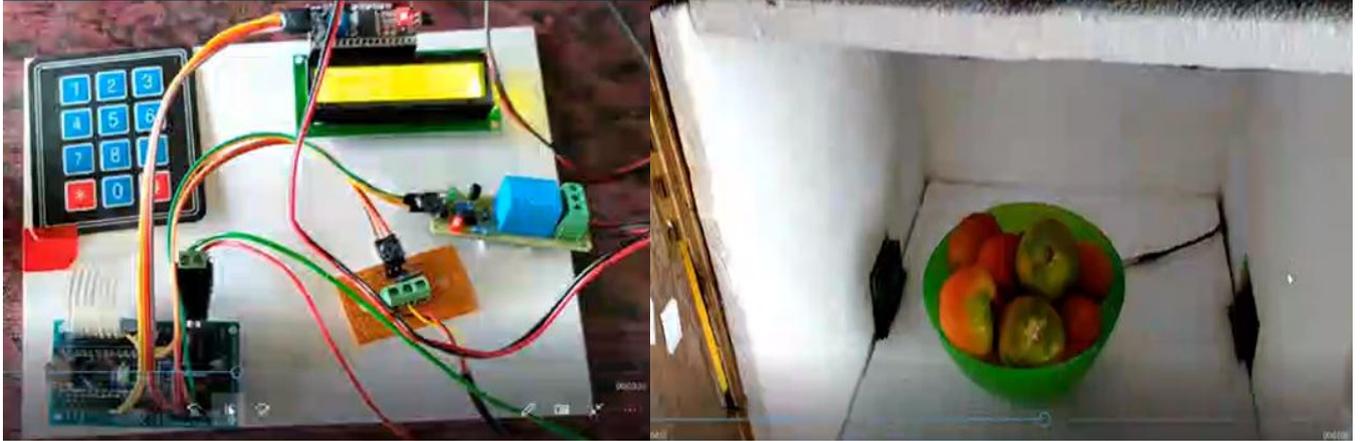
2020-2021

1. Smart PPE Kit for Healthcare Workers



Department of Electrical and Electronics Engineering

2. Development of Cold Storage for Agriculture System



3. Automatic Sanitizer Mask Glove Vending Machine




Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

b. Best Project Presentation Award

Students represent the college at various platforms and exhibit their Project work

Press Link: <https://www.mysoorunews.com/national-level-project-competition-at-atmece-smart-ppe-kit-for-healthcare-workers-adjudged-first/>
AY:2020-2021

Don Bosco Institute of Technology, Bengaluru in association with DBIT-KSCST Property Cell had organised DBIT-TeXpo-2021 on 4th August, 2021. Final year students of Department of Electrical & Electronics Engineering, ATMECE Ms. Simrah Fathima, Mr. Mohammed Huzaif, Mr. Hasebulla Baig, Mr. Syed Rawoof Ur Rahaman won **1st Place in the National Level Project Competition** for the project titled **“Smart PPE Kit for Healthcare Workers”**, under the Guidance of Mr. Shreeshayana R, Assistant Professor.

Further, GSSSIETW, Mysuru in association with ISLE and IQAC had organised Online Project Exhibition competition on 17th July 2021. The same team has won **Best Project Work Award**. The Team has also won **1st Place in the National Level Project Competition** conducted by ATME College of Engineering, Mysuru in association with IEEE (STB:35744) on 20th July 2021. Management, Principal, HoD and Staff congratulated them for the achievement.

Department of Computer Science / Information Science and Engineering							
Sl. No	Title of the Project	Team Members	Guide Name	College	Branch	Prize	Cash Prize Won
10	Analysis of maturity of cotton during harvesting period	Prajwal G Hosamani Nidhi Chopdekar, Ramya	Prof. Annapurna B R Asst. Professor	Dayanand Sagar College of Engineering	CSE	I	Rs. 10,000/-
11	An automated lpg weight monitoring system to assist cost efficient domestic usage	Madhumitha P, N C Shwetha, Shraddha S S Sneha P	Prof. Suman Jayakumar Asst. professor	Vidya Vikas Institute of Engineering and Technology, Mysore	ISE	II	Rs. 5,000/-
12	Advanced Smart Home Surveillance System	Nagarjun K R, Chandan V L, Manju H, Monish B	Dr. Murthy SVN Associate Professor	S J C Institute of Technology Chikkaballapur	CSE	III	Rs. 2,000/-
Department of Electrical and Electronics Engineering							
13	Smart PPE Kit for Healthcare Workers	Simrah Fathima Mohammed Huzaif Syed Rawoof Ur Rahman Haseebulla Baig	Mr. Shreeshayana R, Assistant Professor, Department of EEE, ATMECE	ATME college of Engineering, Mysuru	EEE	I	Rs. 10,000/-
14	FPV Tricopter	Praveen Prabhu Y. Nandeesh D.K. Anirudh Mahesh	Ms. Kruthi Jayram Asst. Professor	BNMIT	EEE	II	Rs. 5,000/-
15	Wireless remote operation of High transmission circuit breaker	Jayapradha K N, Pramodh N B, Chandrashekara G, Kishor K	Dr J P Sridhar Associate professor	S J B INSTITUTE OF TECHNOLOGY	EEE	III	Rs. 1,000/-
16	Solar based automobile exhaust gas emission filtering system at High density traffic area	Ruchitha D, Meghana M Syeda Arfa Saniya Tasmiya Arbin	Mrs. Yashaswini C S	Channabasaveshwar a Institute of Technology gubbi	EEE	III	Rs. 1,000/-



Department of Electrical and Electronics Engineering



Department of Electrical and Electronics Engineering

22nd July 2021

Results of National Level Project Competition

The Department association "QUANTUM" in association with the IEEE Student Branch (STB:35744) had organized a "National Level Project Competition" on 20th July 2021 for Final & Pre-Final Year EEE Students through Virtual Platform. The results of the event are as follows:

Category: Final Year Project

Sl. No.	TEAM ID	Title of the Project	Institute	Team Lead	Award
1	ATME_NLP_04	SMART PPE KIT FOR HEALTHCARE WORKERS	ATME College of Engineering, Mysuru	SIMRAH FATHIMA	I Place
2	ATME_NLP_10	GREEN INITIATIVE LOW-COST ELECTRIC VEHICLE	Vidya Vardhaka College of Engineering, Mysuru	SAIMA ZULFA	II Place
3	ATME_NLP_08	GAMIFIED PLATFORM FOR INTRODUCTION OF EV DRIVE	BMS College of Engineering, Bengaluru	GURU KIRAN PRABHU	Consolation
4	ATME_NLP_12	AUTOMATIC SANITISER, MASK, GLOVE DISPENSING MACHINE	ATME College of Engineering, Mysuru	MOHAMMED FARIS	Consolation

Category: Pre-Final Year Project

Sl. No.	TEAM ID	Title of the Project	Institute	Team Lead	Award
1	ATME_NLP_16	SINGLE AXIS SOLAR TRACKING SYSTEM	GSSS Institute of Engineering and Technology for Women, Mysuru	MUSKAN BANU	I Place
2	ATME_NLP_05	DTMF CONTROLLED ROBOT USING ARDUINO	GSSS Institute of Engineering and Technology for Women, Mysuru	NANDANA R	II Place
3	ATME_NLP_20	SMART IRRIGATION SYSTEM USING IOT	ATME College of Engineering, Mysuru	GAGANA S	Consolation

Program Convener
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Principal

ATME COLLEGE OF ENGINEERING

13th Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore - 570 028 P : 0821-2593335 F: 0821-2593328
Email: info@atme.in, Web : www.atme.in

Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Winners in Inter Institute Event



Geetha Shishu Shikshana Sangha (R)
GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Accredited with Grade 'A' by NAAC
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)
Mysuru-570016| Karnataka|India

Certificate of Appreciation

This is to certify that
SIMRAH FATHIMA
of
ATME COLLEGE OF ENGINEERING, MYSURU
has been Awarded as Best Project Work entitled
SMART PPE KIT FOR HEALTHCARE WORKERS
in the "**Project Exhibition Shakthistaavara - 2021**" Organized by Department of Electrical and Electronics Engineering, GSSS Institute of Engineering and Technology For Women, Mysuru,
In Association with ISLE Student Chapter and IQAC Cell, On **17th July 2021**.

Dr. P S Puttaswamy
HOD-EEE
Dr. P S Puttaswamy

Dr. Shivakumar M
Principal
Dr. Shivakumar M



Geetha Shishu Shikshana Sangha (R)
GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Accredited with Grade 'A' by NAAC
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)
Mysuru-570016| Karnataka|India

Certificate of Appreciation

This is to certify that
MOHAMMED HUZAIF
of
ATME COLLEGE OF ENGINEERING, MYSURU
has been Awarded as Best Project Work entitled
SMART PPE KIT FOR HEALTHCARE WORKERS
in the "**Project Exhibition Shakthistaavara - 2021**" Organized by Department of Electrical and Electronics Engineering, GSSS Institute of Engineering and Technology For Women, Mysuru,
In Association with ISLE Student Chapter and IQAC Cell, On **17th July 2021**.

Dr. P S Puttaswamy
HOD-EEE
Dr. P S Puttaswamy

Dr. Shivakumar M
Principal
Dr. Shivakumar M

Dr. Partasarathy L.
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering



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NBA*,
New Delhi✓ Recognized
by Govt. of
Karnataka



KSCST

CERTIFICATE

This is to certify that **Ms. SIMRAH FATHIMA** of **Department of EEE, ATMECE, Mysuru** has participated and secured **First Prize** for the noteworthy project titled **"Smart PPE Kit for Healthcare Workers"** in the National Level inter College Project Competition(online)"DBIT TeXpo-2021" organized by the Department of Research and Development & DBIT-KSCST Intellectual Property Cell, Don Bosco Institute of Technology, Bengaluru, in Association with Karnataka State Council for Science and Technology, Bengaluru, held on 4th August 2021.



Dr. Hemadri Naidu T
Principal,
DBIT



Dr. Nataraj K R
Dean & Director
DBIT



Shri. B. Manjunath
Executive Director
DBIT

Verification of this certificate can be done by sending an email to: dbit.rd@gmail.com



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NAAC,
Bangalore✓ Accredited by
NBA*,
New Delhi✓ Accredited by
NBA*,
New Delhi✓ Recognized
by Govt. of
Karnataka



KSCST

CERTIFICATE

This is to certify that **MR. MOHAMMED HUZAFI** of **Department of EEE, ATMECE, Mysuru** has participated and secured **First Prize** for the noteworthy project titled **"Smart PPE Kit for Healthcare Workers"** in the National Level inter College Project Competition(online)"DBIT TeXpo-2021" organized by the Department of Research and Development & DBIT-KSCST Intellectual Property Cell, Don Bosco Institute of Technology, Bengaluru, in Association with Karnataka State Council for Science and Technology, Bengaluru, held on 4th August 2021.



Dr. Hemadri Naidu T
Principal,
DBIT



Dr. Nataraj K R
Dean & Director
DBIT



Shri. B. Manjunath
Executive Director
DBIT

Verification of this certificate can be done by sending an email to: dbit.rd@gmail.com

Department of Electrical and Electronics Engineering



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AICTE, New
DelhiAccredited by
NAAC,
BangaloreAccredited by
NBA*,
New DelhiRecognized by
Govt. of
Karnataka



CERTIFICATE

This is to certify that **Mr. SYED RAWOOF UR RAHMAN** of **Department of EEE, ATMECE, Mysuru** has participated and secured **First Prize** for the noteworthy project titled **"Smart PPE Kit for Healthcare Workers"** in the National Level inter College Project Competition(online)"DBIT TeXpo-2021" organized by the Department of Research and Development & DBIT-KSCST Intellectual Property Cell, Don Bosco Institute of Technology, Bengaluru, in Association with Karnataka State Council for Science and Technology, Bengaluru, held on 4th August 2021.



Dr. Hemadri Naidu T
Principal,
DBIT



Dr. Nataraj K R
Dean & Director
DBIT



Shri. B. Manjunath
Executive Director
DBIT

Verification of this certificate can be done by sending an email to: dbit.ra@zmail.com



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NAAC,
BangaloreAccredited by
NBA*,
New DelhiRecognized by
Govt. of
Karnataka

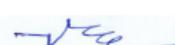


CERTIFICATE

This is to certify that **Mr. HASEEBULLA BAIG** of **Department of EEE, ATMECE, Mysuru** has participated and secured **First Prize** for the noteworthy project titled **"Smart PPE Kit for Healthcare Workers"** in the National Level inter College Project Competition(online)"DBIT TeXpo-2021" organized by the Department of Research and Development & DBIT-KSCST Intellectual Property Cell, Don Bosco Institute of Technology, Bengaluru, in Association with Karnataka State Council for Science and Technology, Bengaluru, held on 4th August 2021.



Dr. Hemadri Naidu T
Principal,
DBIT



Dr. Nataraj K R
Dean & Director
DBIT



Shri. B. Manjunath
Executive Director
DBIT

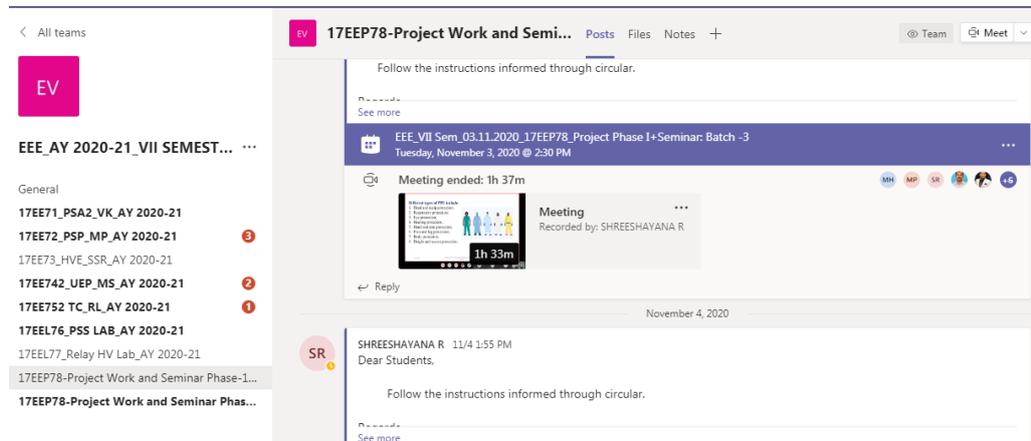
Verification of this certificate can be done by sending an email to: dbit.ra@zmail.com

Department of Electrical and Electronics Engineering

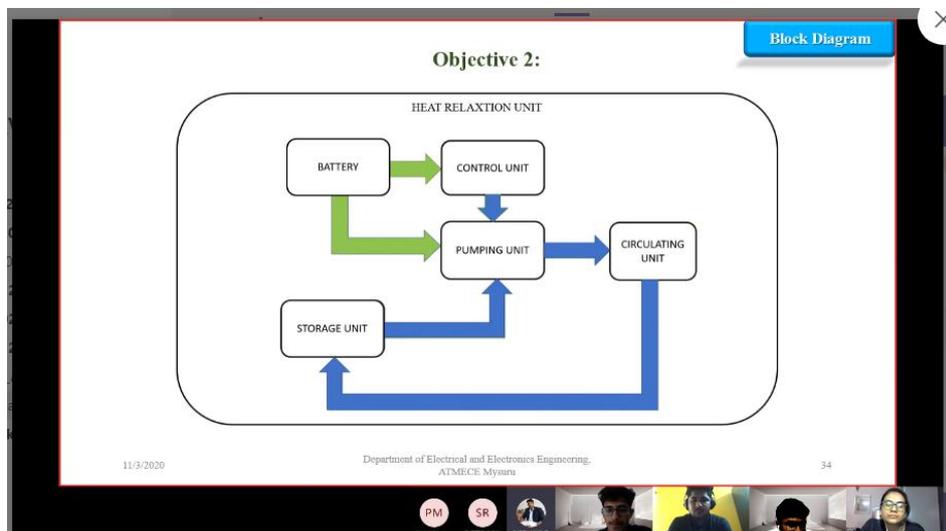
b. During the COVID 19 Pandemic, learning and evaluation process of project was Continued in MS Teams platform

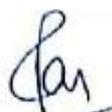
1. Online Evaluation Activity in MS Teams: AY:2020-2021

Online Evaluation Activity in MS Teams: AY:2020-2021 [ODD Semester]



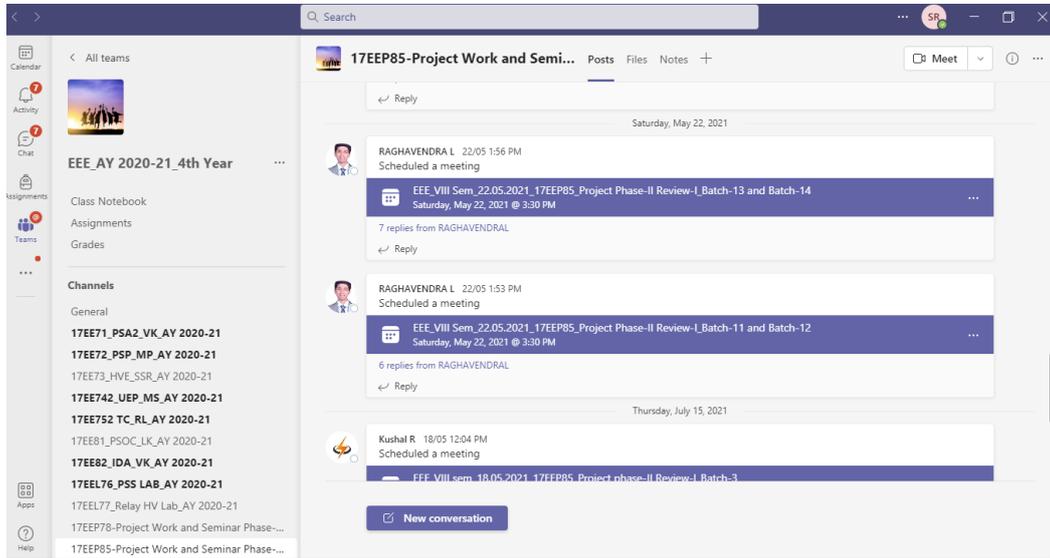
The screenshot shows a Microsoft Teams chat window for a team named '17EEP78-Project Work and Semi...'. The chat history includes a post with instructions to follow circulars, a meeting announcement for 'EEE_VII Sem_03.11.2020_17EEP78_Project Phase I+Seminar: Batch -3' on Tuesday, November 3, 2020, and a meeting record for 'Meeting ended: 1h 37m' recorded by SHREESHAYANA R. A message from SHREESHAYANA R dated November 4, 2020, says 'Dear Students, Follow the instructions informed through circular.' The left sidebar shows a list of team channels, including '17EE71_PSA2_VK_AY 2020-21', '17EE72_PSP_MP_AY 2020-21', '17EE73_HVE_SSR_AY 2020-21', '17EE742_UEP_MS_AY 2020-21', '17EE752_TC_RL_AY 2020-21', '17EEL76_PSS_LAB_AY 2020-21', '17EEL77_Relay HV Lab_AY 2020-21', '17EEP78-Project Work and Seminar Phase-1...', and '17EEP78-Project Work and Seminar Phas...'.




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Online Evaluation Activity in MS Teams: AY:2020-2021 [EVEN Semester]



Online Evaluation Screenshot in MS Teams





A T M E

College of Engineering



ISO 9001:2015



Department of EEE
Emitting Elite Energy

Department of Electrical and Electronics Engineering

**Laboratory Sessions to correlate theoretical and practical learning
with Courses offering Experiential Learning**

Department of Electrical and Electronics Engineering

During the pandemic, Lab sessions were conducted through Online platform for the benefit of students. Virtual Labs was also utilised to enhance the learning experience of students



PRAVEEN KUMAR M 26/12/2020 8:28 AM
Dear students

Online Class of 17EEL77-Relay and High Voltage Laboratory of 26/12/2020 scheduled at 10.00AM, all are informed to attend compulsory, Attendance will be taken

[See more](#)

 **EEE_VII_26/12/2020_17EEL77_Relay & HV Lab_Topic:- Virtual Lab session**
Saturday, December 26, 2020 @ 10:00 AM

4 replies from PRAVEENKUMARM

[Reply](#)



SR SHREESHAYANA R 31/10/2020 10:23 AM
Scheduled a meeting

 **EEE_VII Sem_31.10.2020_Relay&HV Lab_17EEL77_EXPT:BD Strength of Transformer Oil**
Saturday, October 31, 2020 @ 10:30 AM

9 replies from you and Unknown

[Reply](#)



18EEL68_Digital Signal Processi...

Posts Files Notes +

[Meet](#)

[Reply](#)

Monday, May 31, 2021



SWAPNA H 30/05 11:01 PM
Dear Students,

Topic: Expt No. 5_Linear and circular convolution by DFT and IDFT method

[See more](#)

 **EEE_VI_18EEL67_DSP Lab_Expt No. 5_Linear and circular convolution by DFT and IDFT method**
Monday, May 31, 2021 @ 11:15 AM

3 replies from SWAPNAH

[Reply](#)

Monday, July 26, 2021



SWAPNA H 26/07 11:04 AM
Scheduled a meeting

 **EEE_VI_DSP Lab_Expt No.11_Design and implementation of IIR filters to meet given specification**
Monday, July 26, 2021 @ 11:15 AM

5 replies from SWAPNAH

[Reply](#)

Department of Electrical and Electronics Engineering



Experiential Learning Course



Department of Electrical & Electronics Engineering

Sl. No.	Academic Year	Total No. of course	No. of Experiential Course
1	2019-20	64	62
2	2018-19	64	62
3	2017-18	62	61
4	2016-17	62	60
5	2015-16	62	60

Note: The experiential courses is Categorized into Project Work/ Field Work Internship/Laboratory Course/ Collaborative Learning/ Interactive Simulations/ Case studies

Academic Year	No. of Project Work related Courses	No. of Field Work related Course	No. of Internship related Courses	No. of Laboratory related Courses	No. of Collaborative learning Courses	No. of Interactive Simulations Courses	No. of Case study Courses
2019-20	9	6	1	16	16	9	5
2018-19	9	6	1	16	16	9	5
2017-18	8	7	0	15	14	11	6
2016-17	7	6	0	15	9	16	7
2015-16	7	5	0	15	9	18	6

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 Professor and HOD
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 ATME College of Engineering, Mysuru

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 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Experiential Learning Course List



Department of Electrical & Electronics Engineering
List of Experiential Learning Courses for Academic Year-2019-20

Sl. No	SEM	Course	Course Code	Experiential Learning course	Category - Project Work/ Field Work Internship/Laboratory/ Collaborative Learning/ Interactive Simulations/ Case studies	Justification
1	I/II Sem	Calculus and Linear Algebra	18MAT11	Yes	Case Studies	Higher Order DFL & linear algebra for analysis process
2	I/II Sem	Engineering Physics	18PHY12/22	Yes	Collaborative Learning	Topics related to Physics Lab
3	I/II Sem	Basic Electrical Engg.	18ELE13/23	Yes	Collaborative Learning	Topics related to Electrical Lab
4	I/II Sem	Elements of Civil Engineering & Mechanics	18CIV14/24	Yes	Case Studies	Topics related to design of structure, bridge & support which comes in electrical estimation course
5	I/II Sem	Engineering Graphics	18EGDL15/25	Yes	Laboratory Course	Experiential Learning course
6	I/II Sem	Engineering Physics Lab	18PHY16/26	Yes	Laboratory Course	Experiential Learning course
7	I/II Sem	Basic Electrical Engineering Lab	18ELE17/27	Yes	Laboratory Course	Experiential Learning course
8	I/II Sem	Technical English- I	18EGH18	Yes	Project Work	Topics gives student to enhance communication, technical skills in project work
9	I/II Sem	Advanced calculus and Numerical Methods	18MAT21	Yes	Case Studies	Calculus can be used for analysis purpose in higher semester
10	I/II Sem	Engineering Chemistry	18CHE12/22	Yes	Collaborative Learning	Topics related to Chemistry Lab
11	I/II Sem	C programming for problem solving	18CPS13/23	Yes	Collaborative Learning	Topics related to CCP Lab
12	I/II Sem	Basic Electronics	18ELN14/24	Yes	Interactive Simulations	Topics related like transistor behaviour & passive elements like R,L & C can be studied in AEC lab
13	I/II Sem	Elements of Mechanical Engineering	18ME15/25	Yes	Interactive Simulations	Topics related to IC engine can be delivered through Machine shops lab
14	I/II Sem	Engineering Chemistry Lab	18CHE16/26	Yes	Laboratory Course	Experiential Learning course
15	I/II Sem	C Programming Lab	18CPL17/27	Yes	Laboratory Course	Experiential Learning course
16	I/II Sem	Technical English- II	18EGH28	Yes	Project Work	Topics gives student to enhance communication, technical skills in project work

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A File Document 3/11/2019

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17	III Sem	Transform Calculus, Fourier Series and Numerical Techniques	18MAT31	Yes	Case Studies	Mathematical knowledge derived used in Higher semester courses for analysis purpose
18	III Sem	Electric Circuit Analysis	18EE32	Yes	Interactive Simulations	Topics related to Electronics lab
19	III Sem	Transformer & Generators	18EE33	Yes	Collaborative Learning	Topics related to Electrical machine lab
20	III Sem	Analog Electronics Circuits	18EE34	Yes	Collaborative Learning	Topics related to Electronics lab
21	III Sem	Digital System Design	18EE35	Yes	Collaborative Learning	Topics related to Electronics lab
22	III Sem	Electrical and Electronic Measurements	18EE36	Yes	Interactive Simulations	Measurements lab will provide information about bridges, Energy meters
23	III Sem	Electrical Machines Laboratory -1	18EEL37	Yes	Laboratory Course	Experiential Learning course
24	III Sem	Electronics Laboratory	18EEL38	Yes	Laboratory Course	Experiential Learning course
25	III Sem	Audallitha Kannada (Kannada for Administration)	18KAK39	No		
	III Sem	Vyavaharika Kannada (Kannada for communication)	18KVK39	No		
26	IV Sem	Complex analysis, probability and statistical methods	18MAT41	Yes	Project Work	Statistical Methods can be used for Analysis purpose in Project work
27	IV Sem	Electrical Power Generation	18EE42	Yes	Field Work/Visit	Field Visit to Substation/ Power plant to gain practical experience
28	IV Sem	Transmission & Distribution	18EE43	Yes	Field Work/Visit	Field Visit to Substation/ Power plant to gain practical experience
29	IV Sem	Electric Motors	18EE44	Yes	Collaborative Learning	Topics related to Electrical machine lab
30	IV Sem	Electromagnetic Field Theory	18EE45	Yes	Interactive Simulations	Topics related to vectors, electromagnetic field can be simulated using virtual toolbox
31	IV Sem	Operational Amplifiers and Linear ICs	18EE46	Yes	Collaborative Learning	Topics related to OLIC lab
32	IV Sem	Electrical Machines Laboratory -2	18EEL47	Yes	Laboratory Course	Experiential Learning course
33	IV Sem	Operational Amplifiers and Linear ICs Lab	18EEL48	Yes	Laboratory Course	Experiential Learning course
34	IV Sem	Constitution of India, Professional Ethics and Cyber Law	18EEL49	No		
35	V-Sem	Management & Entrepreneurship	17EE51	Yes	Project Work	Project analysis, project report & drafting related topics discussed in M&E courses
36	V-Sem	Microcontrollers	17EE52	Yes	Collaborative Learning	Topics related to Microcontroller Lab
37	V-Sem	Power Electronics	17EE53	Yes	Collaborative Learning	Topics related to Power Electronics lab
38	V-Sem	Signals & Systems	17EE54	Yes	Interactive Simulations	Topics like sampling theorem can be performed in DSP lab
39	V-Sem	Electrical Engineering Materials	17EE552	yes	Field Work/Visit	Field Visit to testing institute to gain practical experience
40	V-Sem	Renewable Energy Sources	17EE563	Yes	Field Work/Visit	Field Visit to Substation/ Power plant to gain practical experience

Department of Electrical and Electronics Engineering

41	V-Sem	Microcontroller Laboratory	17EEL57	Yes	Laboratory Course	Experiential Learning course
42	V-Sem	Power Electronics Laboratory	17EEL58	Yes	Laboratory Course	Experiential Learning course
43	VI-Sem	Control Systems	17EE61	Yes	Collaborative Learning	Topics related to CS Lab
44	VI-Sem	Power System Analysis-I	17EE62	Yes	Interactive Simulations	Topics related per unit system modeling can be performed in PSS Lab
45	VI-Sem	Digital signal Processing	17EE63	Yes	Collaborative Learning	Topics related to DSP Lab
46	VI-Sem	Electrical Machine Design	17EE64	Yes	Case Studies	Design of Machines, transformer & generator for real time application.
47	VI-Sem	Computer Aided Electrical Drawing	17EE65I	Yes	Laboratory Course	Design of Machines using modern tool software
48	VI-Sem	Sensors & Transducers	17EE662	Yes	Project Work	Addon course introduced for self-learning & also used in project work for field sensing purposes
49	VI-Sem	Control System Laboratory	17EEL67	Yes	Laboratory Course	Experiential Learning course
50	VI-Sem	Digital Signal Processing Laboratory	17EEL68	Yes	Laboratory Course	Experiential Learning course
51	VII-Sem	Power Systems Analysis-2	15EE71	Yes	Collaborative Learning	Topics related to Power system Simulation Lab
52	VII-Sem	Power System Protection	15EE72	Yes	Collaborative Learning	Topics related to Relay & HV Engg.
53	VII-Sem	High Voltage Engg	15EE73	Yes	Collaborative Learning	Topics related to Relay & HV Engg.
54	VII-Sem	Utilization of Electrical Power	15EE742	Yes	Interactive Simulations	Topic related to laboratory experiments specify to Regenerative Braking
55	VII-Sem	Testing and Commissioning of Power System Apparatus	15EE756	Yes	Field Work/Visit	Field Visit to Substation/ Power plant to gain additional information about testing & commissioning of power system apparatus
56	VII-Sem	Power system Simulation Laboratory	15EEL76	Yes	Laboratory Course	Experiential Learning course
57	VII-Sem	Relay and High Voltage Laboratory	15EEL77	Yes	Laboratory Course	Experiential Learning course
58	VII-Sem	Project Work Phase-I + Project work Seminar	15EEP78	Yes	Project Work	Experiential Learning course
59	VIII-Sem	Power System Control & Operation	15EE81	Yes	Interactive Simulations	Topic like reliability , hydrothermal penalty factors related to power system laboratory
60	VIII-Sem	Industrial Drives and Applications	15EE82	Yes	Project Work	Simulation projects can be carried on Industrial Drives
61	VIII-Sem	Integration of Distributed Generation	15EE833	Yes	Project Work	Simulation projects can be carried on DG
62	VIII-Sem	Internship/ Professional Practice	15EE84	Yes	Internship	Experiential Learning course
63	VIII-Sem	Project Work-II	15EEP85	Yes	Project Work	Experiential Learning course
64	VIII-Sem	Seminar	15EES86	Yes	Field Work/Visit	Experiential Learning course

No. of Courses	64
No. of Experiential Learning Courses	62
% of Experiential Learning Courses	97


 HOD
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 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru


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 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Experiential Learning

The Department offers all the laboratory prescribed by the university in the curriculum

Laboratory Session Photos:



Electrical Machines Laboratory-1

This laboratory is utilized by the students to conduct experiments related to Transformers and Synchronous machines and gain practical experience on them. This laboratory supports teaching, research and consultancy work on Transformers & Synchronous machines. The laboratory can also be used for project work related to electrical machines and energy conversion.



Electronics Laboratory

The lab facilitates design and study of the performance of various analog electronic circuits & Digital circuits. Lab mainly concentrates on designing and analyzing of rectifiers, amplifiers, oscillators. It also concentrates on designing of counters and registers, demonstrating the truth table of various expressions and combinational circuits using logic gates. Lab is equipped with the basic electronic instruments such as Digital meters, Power supplies, function generators, IC tester kit, IC trainer kit, Digital Oscilloscopes etc



Electrical Machines Laboratory-2

The main objective of this lab is to give the knowledge of DC machines & Induction Machines to the students which help to increase the technical skills of students.

In this laboratory, we conduct various tests on D.C machines to find the losses, efficiency and study their characteristics and various tests on induction machines to study the performance and its characteristics



Op- amp and Linear ICs Laboratory

In this laboratory the students will be able to Study pin details, specifications, application features of IC741 (LM741) and IC555 (Timer). It mainly concentrates on designing and analyzing of precision rectifiers, amplifiers, oscillators, Signal Generators, Schmitt Trigger circuits and first order Butterworth Filters. It also concentrates on frequency response characteristics of Operational Amplifiers IC741 under Inverting and Non Inverting configurations. Laboratory is equipped with Digital meters, Power supplies, function generators, IC tester kit, Digital Oscilloscopes, IC trainer kit etc

Department of Electrical and Electronics Engineering



Microcontroller Laboratory

This laboratory enables students to understand basic concepts and applications of Microcontrollers. It is designed to understand the internal organization of Intel 8051 Microcontrollers, and for all the control oriented applications extensively used.



Power Electronics Laboratory

This laboratory deals with studying the performance characteristics of power electronic switching devices like SCR, MOSFET, IGBT etc. Power Electronic control modules for speed control of separately excited dc motor, universal motor etc., are available.



Control System Laboratory

A control system plays a vital role in studying the stability studies of all electrical systems, which is highlighted in this laboratory. The analysis of Lag Lead compensator network, frequency response, effect of PID controllers, Speed torque Characteristics of AC & DC Servo motors, MATLAB programming for second order, third order & DC Position control system are taught to students.



Digital Signal Processing Laboratory

In this laboratory the digital signals are simulated using octave software. The student will be simulating linear and circular convolution and also study the design and simulation of IIR and FIR filters using various methods.


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Department of Electrical and Electronics Engineering



Power System Simulation Laboratory

Laboratory is equipped with 24 computers with Mi-Power Simulation Package and LAN facility. Student can carry out load flow studies, short circuit analysis, Economic Dispatch and many power system related studies using MiPower.



Relay and High Voltage Laboratory

The laboratory is equipped with state of the art high voltage equipments to study the breakdown characteristics of air insulation for both uniform and non-uniform configurations.

In relay part, the laboratory has different types of electromechanical, microprocessor based relays and negative sequence relay, these characteristics are analyzed and protection scheme for generator and motor are studied.

PROJECT LABORATORY

The Project Lab consists of Personal Computers, DC Power Supply, Dual Channel Digital Storage Oscilloscope, CRO (30MHz, 2 Channel 4 Trace) and other equipment's which are provided for the students, Students can work on 3-phase machines for performance study and also on DC motors provided in machines laboratory. Students and Faculty members utilize the laboratories for their mini projects, projects and research activities. The table given below indicates facilities and utilization of the project lab

Sl. No.	Facilities	Utilization
1	Mi-power	The students and faculty members utilize for their projects activities. The tool is useful for simulation and analyzing the power system network.
2	Keil micro vision 3 free version software tool and Microcontroller 8051.	Projects work carried using microcontroller of students utilizes this facility.
3	P-Spice vision 9.1 free version software for implementation of power circuits.	This software is used for simulation and verification of analog and mixed-signal circuits before the implementation of project work.
4	UPS facilities	Used as backup Power to feed for Personal Computers System
5	100KW Solar Roof top Energy System online data	Online data of power flow, Voltage profile, energy flow etc., are available to support for students projects.


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Major Equipment and Software Tools available in various Laboratories:

HARDWARE TOOL

- Dc regulated power supply model, Signal Generator and Cathode ray oscilloscope 30MHz (Digital Type & Analog Type)
- Digital IC Trainer Kit and Digital IC Tester
- Flash pro evaluation kit, LCD & keyboard interfacing kit, Dual DAC interfacing kit, Elevator interfacing kit Temperature controller interfacing kit, seven segment display and HEX Keyboard interfacing kit, Stepper Motor and DC Motor Interfacing kit.
- Static Characteristics of SCR, MOSFET and IGBT Module. SCR triggering using UJT relaxation oscillator kit, SCR Digital firing circuit for 1 phase converter kit, Single phase full wave converter with R and RL load, Speed control of stepper motor module, IGBT based single phase inverter circuit, Speed control of Universal motor and Induction motor using AC voltage controller and Speed control of a Separately excited DC motor using an IGBT or MOSFET chopper.
- Maxwell's Inductance Bridge, Kelvin's Double Bridge, Energy Meter Calibration Test Jig, CT Test Jig, Active and Reactive Power Measurement Test Jig and De-Sauty's Capacitance Bridge.
- Capacitor start and run Induction motor, 3 Phase Squirrel cage Induction motor, 3 Phase Slip ring Induction motor, Single Phase transformer 2KVA/230V 1:1 transformer, 2KVA/230V 1:1 transformer with tapings at 0 to 50%, 86%, 100%. 1KVA/230V 1:1 transformer, Rheostat Load, 1 Phase and 3 Phase Autotransformer, Digital tachometer.
- DC rectifier unit 220V, 100A with line and load regulation and protection circuit, DC Shunt Motor, DC shunt generator, DC Compound Motor, DC compound generator, DC series motor, salient pole alternator, auto start synchronous motor and non-salient pole alternator
- Lead Network Kit, Lag - Lead Network Kit, PID Controller Kit, DC Servo Motor Kit, AC Servo Motor, Frequency Response and Time Response Characteristics of Second Order Systems and Synchro transmitter receiver pair Unit.
- 50kV AC/70kV DC set, Rod Gap Apparatus, 62.5mm Sphere gap with water resistor, Over Voltage Electro Mechanical Relay Kit, Negative Sequence Relay Kit, Generator Protection & Motor Protection Scheme fault Study Unit, 60KV Oil Testing Kit, Over Current Relay -Directional Features and IDMT Directional, Numerical Relay Over/Under Voltage kit, Numerical Over Current relay kit and IDMT non-directional characteristics Relay Test Kit.
- SERVER with Internet facility, Printers, Scanners and LCD Projectors

SOFTWARE TOOL

MiPower Software (8.0), (Freeware Version- SCI Lab, PSpice, AutoCAD, Octave).



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Department of EEE
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Department of Electrical and Electronics Engineering

**Hackathon events to enhance Technical & logical
thinking skills**

Department of Electrical and Electronics Engineering

Press Report: <https://starofmysore.com/tag/atme-college-of-engineering-atmece/>



A T M E
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Event: 1
Virtual Hackathon (State Level)
Date: 04.12.2020

Objective

To encourage students to apply technical and logical thinking skills through Experiential and participatory Learning.

Eligibility:

- 2nd Year to 4th Year students from EEE, ECE, ITE, TCE, EIE.
- Individual Participant
- Number of Rounds: 4 (Technical Cross word, Digital System Design, Technical quiz, Debug the issue: Circuit)

A Based on registration, students shall be allotted a channel group for the participation in the event.
B Event Date & Timings (Morning): 04.12.2020; 10.30AM to 12 Noon
C Top 3 students will be awarded with: Winners Certificate + Letter of Recommendation

Program Chairman
Dr. Parthasarathy L
Professor and HoD
Department of EEE

Note

- Entry Fee: NIL
- Event platform: Microsoft Teams
- Results shall be announced after verification and scrutiny of the submission.
- E-Certificate to all registered participants
- Registration link: bit.ly/3l3y1wN



Department of
Electrical and Electronics Engineering is organising

VIRTUAL TECHNICAL FEST:
AVAGAMAH

Event: 2
Make in Bharat: Innovative Idea Submission Challenge
Date: 07.12.2020

Objective

To enhance the creative, societal, logical and technical thinking ability in students.

Eligibility:

- 2nd Year to 4th Year students from EEE, ECE, ITE, TCE, EIE, CSE, ME. Team Size: Two students + Faculty Member
- Idea shall comprise of Technology solutions offered in the field of Agriculture, Defence, Healthcare, environment, Sanitation, IT Security.
- The challenge shall include submission of write-up of the proposed idea upto 5 pages (max) comprising: Abstract, Problem statement, Objectives, Proposed Block diagram
- Final Date for submission of the Idea in the prescribed format: 2nd December 2020
- Based on the submission, Top 5 teams shall be invited for presentation on 07.12.2020
- Event Date & Time: 07.12.2020; 10.30AM to 12.30PM
- Presentation Slides: Max 10; Duration: 10min/ Batch
- Top 3 Teams will be awarded with: Winners Certificate + Letter of Recommendation + Forwarding the idea proposed to PMO Office, AICTE & MHRD

Program Convener **Program Committee**

Mr. Raghavendra L Mr. Praveen Kumar M,
Associate Professor Mr. Vinod Kumar P,
Department of EEE Mr. Shreeshayana R
Mrs. Pooja M

Contact Details:
Mr. Shreeshayana R - 9739002631
Mr. Vinod Kumar P - 9538006039

CASH PRIZE
UPTO
5000



SCAN ME

“State Level Virtual Technical Fest- AVAGAMAH”

The Department of Electrical & Electronics, ATMECE, Mysuru had organised a “State Level Virtual Technical Fest-AVAGAMAH” on 4th and 7th Decemebr,2020 through online platform.

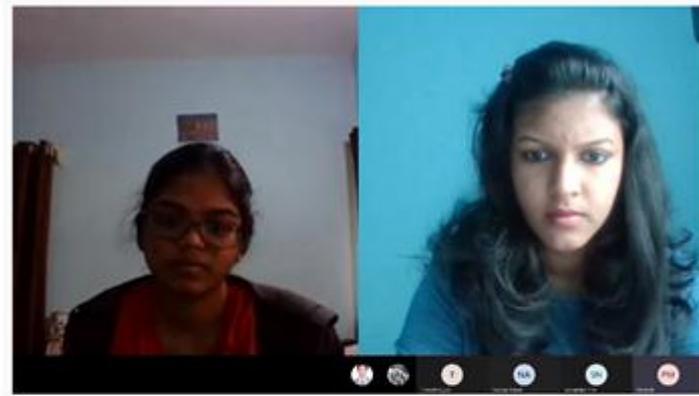
To encourage students to apply technical and logical thinking skills through Experiential and participatory Learning, a **Virtual Hackathon event** was conducted on 4th December,2020 as part of the fest. More than 140 participants from various districts of Karnataka joined through online platform and faced four rounds of evaluation. Technical cross word, Digital system Design, Technical quiz and Debug the circuit rounds were held to assess the participants. After scrutiny, **Mr. Nouman Ahmed** of VVCE, Mysuru bagged 1st Place, **Mr. Varun A** of ATMECE, Mysuru bagged 2nd Place, **Mr. Joshua H Rayapuri** of ATMECE and **Mr. Sumanth Rao C S** of JSS Academy of Technical Education, Bengaluru received consolation Prize in the event.

To enhance the creative, societal, logical and technical thinking ability in students, **Make in Bharat: Innovative Idea Submission Challenge (IIC)** was organised on 7th December, 2020. Proposals were submitted by the teams which was initially screened and the best 8 Teams were invited for presentation.

The proposal titled “Adjustable Spoon for Parkinson’s Disorder” presented by Mr. Joshua H Rayapuri and Ms. Dhanyatha M, Dept. of EEE, ATMECE bagged 1st Place and the proposal titled “Assistive Tool Kit for Alzheimer’s Patient” presented by Mr. Yaseen Ulla Khan and Mr. Mohammed Suhail, Dept. of EEE, ATMECE bagged 2nd Place. Both teams were mentored by **Mr. Shreeshayana R**, Assistant Professor.

“Voting Management”, presented by Ms. Pavithra K, Dept. of CSE, ATMECE mentored by Mr. Kiran B, Assistant Professor, “Automatic Door Knob Sanitization” presented by Ms. Arpitha R and Ms. Priyanka P D, Dept. of EEE, ATMECE mentored by Mr. Vinod Kumar P, Assistant Professor and “IoT based Hydroponics Cultivation” presented by Mr. Hemanth B S and Mr. Manjunath K B, Dept. of EEE, mentored by Mr. Shreeshayana R, Assistant Professor were awarded consolation prize. The Management, Principal and the Department congratulated the Winners.

Department of Electrical and Electronics Engineering



Pic: Virtual Hackathon and IIC Event



E-Certificate from State Level Virtual Tech Fest - AVAGAMAH > Inbox x



ATME EEE <atme.eee@gmail.com>
to me

Tue, Dec 15, 2020, 4:26 PM

Dear Participant,

Greetings of the Day

On behalf of the Department of Electrical & Electronics Engineering, ATME College of Engineering Mysuru. Thank you for your Active Participation in the Event.

With Warm Regards

Organizing Committee
State Level Virtual Tech Fest - AVAGAMAH
Department of Electrical and Electronics Engineering
ATME College of Engineering, Mysuru.

Website Link: <https://atme.in/course/state-level-virtual-technical-fest-avagamah/>



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Department of Electrical and Electronics Engineering

Self-learning through MOOC Platforms

Department of Electrical and Electronics Engineering

MOOC Certification

Students are encouraged to undergo Certification under various MOOC certification platforms like SWAYAM/NPTEL/Coursera/eDx/Alison, Udemy, Simplilearn etc. Certification is considered for assignment marks.

Sample Registration Details

 A T M E College of Engineering   NBA ACCREDITED 							
Department of Electrical & Electronics Engineering							
Academic Year		2020-2021					
Semester		VII					
Student Certification Registration details							
Sl No.	Student Name	USN	Email	Platform(Mooc)	No. of Courses Registered	Course Details	Relevance
1	BINDHU V	4AD15EE006	bindhumys1996@gmail.com	Coursera	2	Electric Power Systems, Electric Utilities	Power system
2	GULABI P	4AD15EE012	gulabiputtaraju@gmail.com	Coursera	2	Electric Power Systems, Electric Utilities	Power system
3	ROHITH D	4AD16EE036	rohithranna7@gmail.com	Coursera	2	Coding for Everyone: C and C++, Python Basics	T Programming
4	ARPITHA R	4AD17EE002	arpithagowdaspoo@gmail.com	Coursera	2	Java Programming and Software Engineering Fundamentals,,An Introduction to Programming the Internet of	IoT, IT Programming
5	ASHWINI C R	4AD17EE005	ashwinicr2000@gmail.com	Coursera	2	Introduction to Structured Query Language (SQL), Electric Power Systems	Power system, IT Database
6	B ROSHAN	4AD17EE007	broshan071999@gmail.com	Coursera	2	Coding for Everyone: C and C++, Java Programming and Software Engineering	T Programming
7	DEEPTHI M	4AD17EE008	deepthimanjunath11@gmail.com	Coursera	2	Electrodynamics: Analysis of Electric Fields, Electric Power Systems	Power system


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 Professor and HOD
 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

   							
Department of Electrical & Electronics Engineering							
Academic Year		2020-2021					
Semester		III					
Student Certification Registration details							
Sl No	Student Name	USN	Email	Platform	No. of Courses Register	Course Details	Relevance
1	Abdul Baseer Khattal	4AD18EE001	khattalabdulbaseer25@gmail.com	Airran	1	Advanced Diploma in Basic Electronics	Basic Electronics
2	Rakarsh B	4AD18EE025	rakarshbtor867@outlook.com	Airran	1	Advanced diploma in basic electronics	Basic Electronics
3	Anurha D	4AD19EE001	anurhad924@gmail.com	Airran	1	Fundamental of Basic Electrical Circuit	Electrical Circuit
4	Bhavana KH	4AD19EE002	dadrlitgirl2001@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
5	Chandan Kumar B V	4AD19EE004	chandankumarbchandan@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
6	Chandan.M	4AD19EE005	chandanhanurur2001@gmail.com	Airran	1	*Advanced Diploma in Basic Electronics*	Basic Electronics
7	K.M.Sahana	4AD19EE006	kmshanakudekall@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
8	Kavya G	4AD19EE007	kavyagrama5@gmail.com	Airran	1	Advanced diploma in basic electronics	Basic Electronics
9	Moghana.M	4AD19EE008	moghanaqqh7@gmail.com	Airran	1	Advanced diploma in basic electronics	Basic Electronics
10	Pruthvi Rajk	4AD19EE011	pruthvirajk3699@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
11	Sanjana P	4AD19EE015	sanjanap@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
12	Sudheep S	4AD19EE017	sudheerudeep091@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
13	Sumanth	4AD19EE018	sumanthp23401@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
14	TUSHAR P V	4AD19EE019	tusharvornekar528@gmail.com	Airran	1	Advanced diploma in basic electronics	Basic Electronics
15	USHA GM	4AD19EE020	urhamanjanuth4774@gmail.com	Airran	1	Advanced Diploma in Basic Electronics	Basic Electronics
16	V S Shreyar Kavadi	4AD19EE021	shreyarkavadi8492@gmail.com	Airran	1	Advanced diploma in electronics course	Basic Electronics
17	VARSHITHA KP	4AD19EE022	varshitha215@gmail.com	Airran	1	ADVANCED DIPLOMA IN BASIC ELECTRONICS	Basic Electronics

Sample Outcomes

SIMRAH FATHIMA	4AD17EE034
----------------	------------





ATME

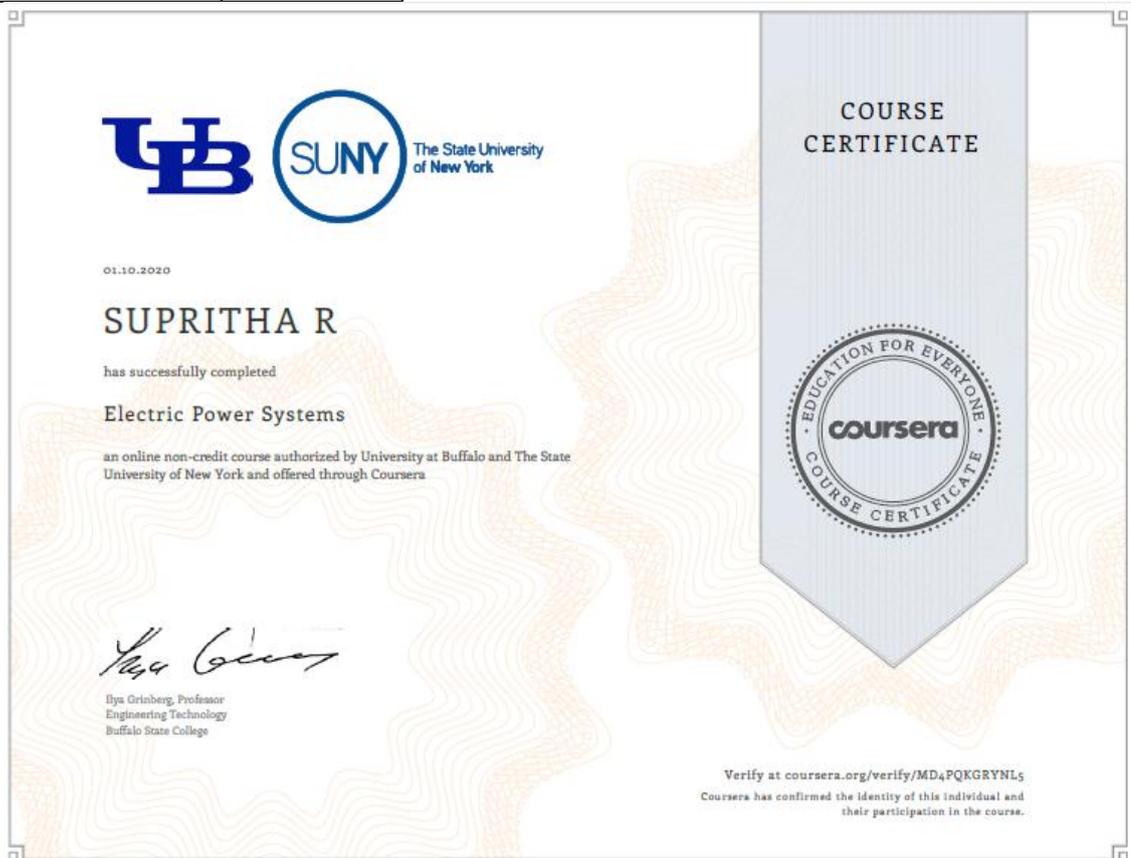
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Department of Electrical and Electronics Engineering



SUPRITHA R	4AD17EE036
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A T M E
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Department of Electrical and Electronics Engineering

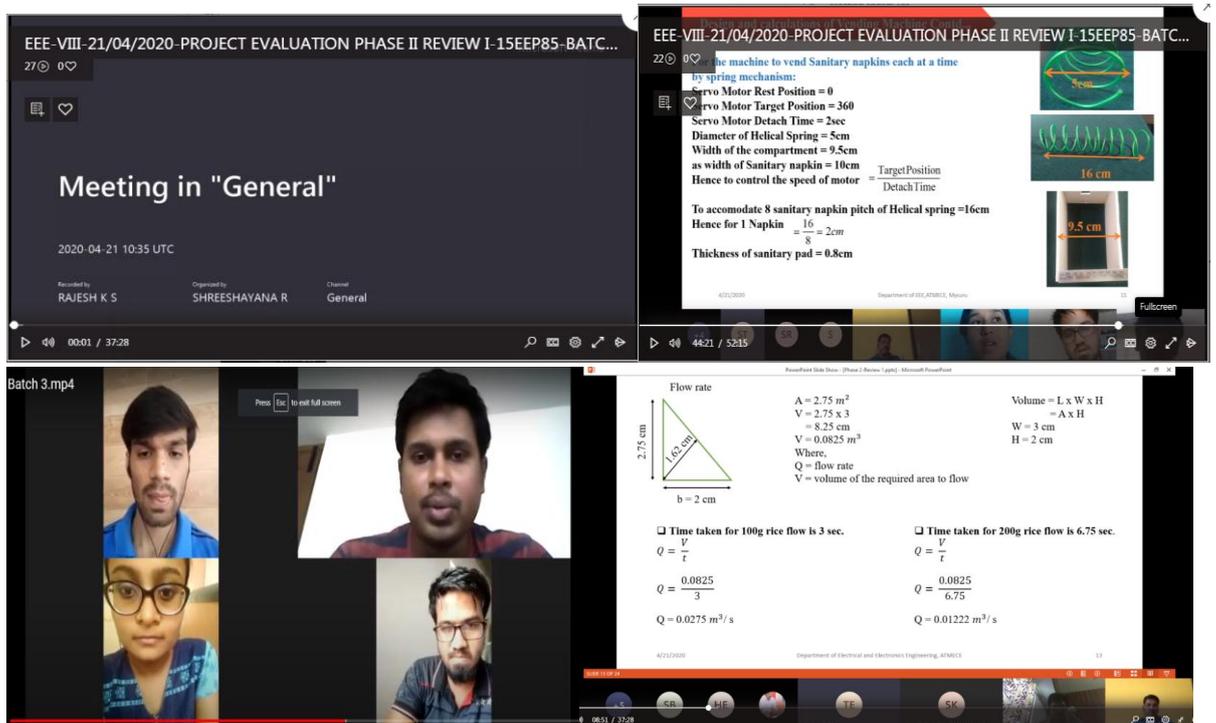
ICT Based Learning

Department of Electrical and Electronics Engineering

Information Communication Technology (ICT) tools contribute to high quality lessons as they have potential to increase students' motivation, connect students to many information sources, and support out-class learning environments. The Department of Electrical & Electronics Engineering is inclined to use of following ICT tools for Teaching and Learning process:

1. Microsoft Teams
2. Zoom- Online Learning Platform
3. Google classroom
4. YouTube

MS Teams Screenshot Project Evaluation:



The screenshot shows a Microsoft Teams meeting interface. The main content is a presentation slide titled "EEE-VIII-21/04/2020-PROJECT EVALUATION PHASE II REVIEW I-15EEP85-BATC...". The slide contains the following text and diagrams:

the machine to vend Sanitary napkins each at a time by spring mechanism:

- Servo Motor Rest Position = 0
- Servo Motor Target Position = 360
- Servo Motor Detach Time = 2sec
- Diameter of Helical Spring = 5cm
- Width of the compartment = 9.5cm
- as width of Sanitary napkin = 10cm
- Hence to control the speed of motor = $\frac{\text{Target Position}}{\text{Detach Time}}$

To accommodate 8 sanitary napkin pitch of Helical spring = 16cm
Hence for 1 Napkin = $\frac{16}{8} = 2\text{cm}$
Thickness of sanitary pad = 0.8cm

Diagrams show a helical spring with a diameter of 5cm and a pitch of 16cm. Another diagram shows a rectangular compartment with a width of 9.5cm.

Below the slide, there are four video thumbnails of participants. The bottom right shows a slide with calculations for flow rate and volume:

Flow rate

$$A = 2.75 \text{ m}^2$$

$$V = 2.75 \times 3 = 8.25 \text{ cm}$$

$$V = 0.0825 \text{ m}^3$$

Where:
Q = flow rate
V = volume of the required area to flow

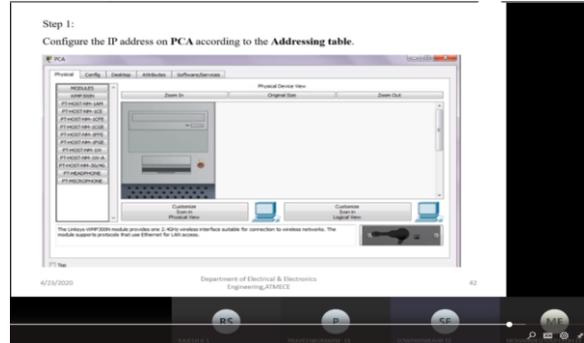
Time taken for 100g rice flow is 3 sec.
 $Q = \frac{V}{T}$
 $Q = \frac{0.0825}{3}$
 $Q = 0.0275 \text{ m}^3/\text{s}$

Time taken for 200g rice flow is 6.75 sec.
 $Q = \frac{V}{T}$
 $Q = \frac{0.0825}{6.75}$
 $Q = 0.01222 \text{ m}^3/\text{s}$

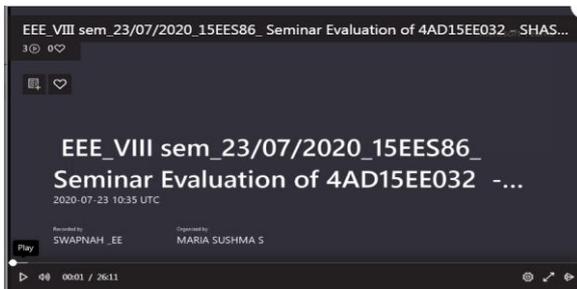

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Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

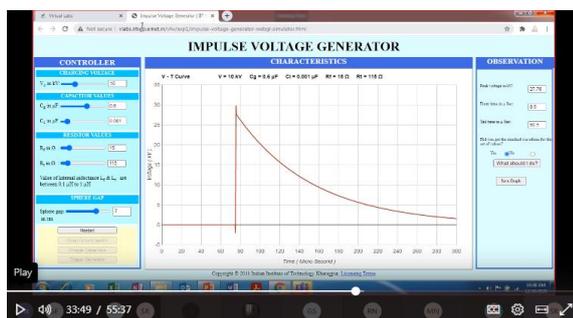
Internship Evaluation:



Seminar Evaluation

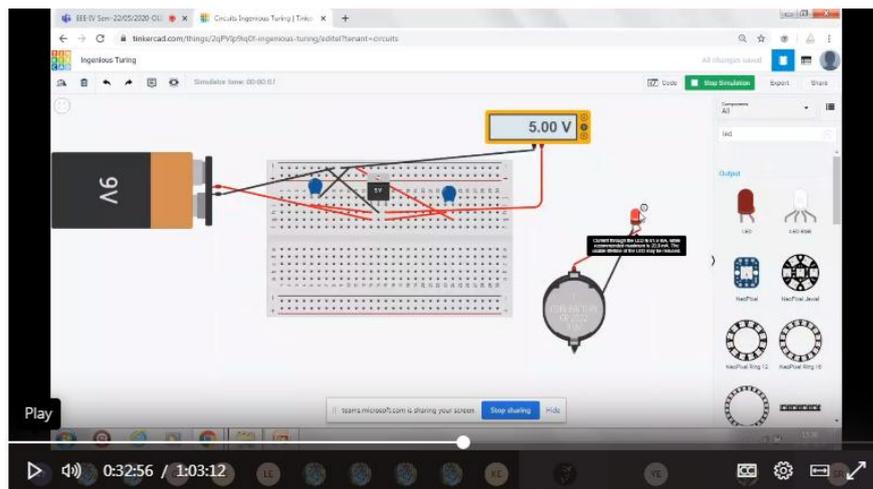


Virtual Labs

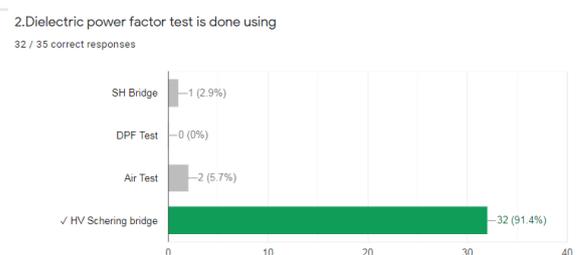
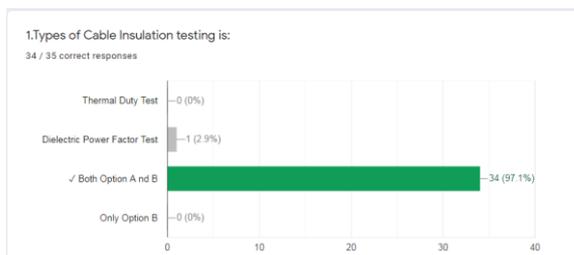


Department of Electrical and Electronics Engineering

TinkerCAD

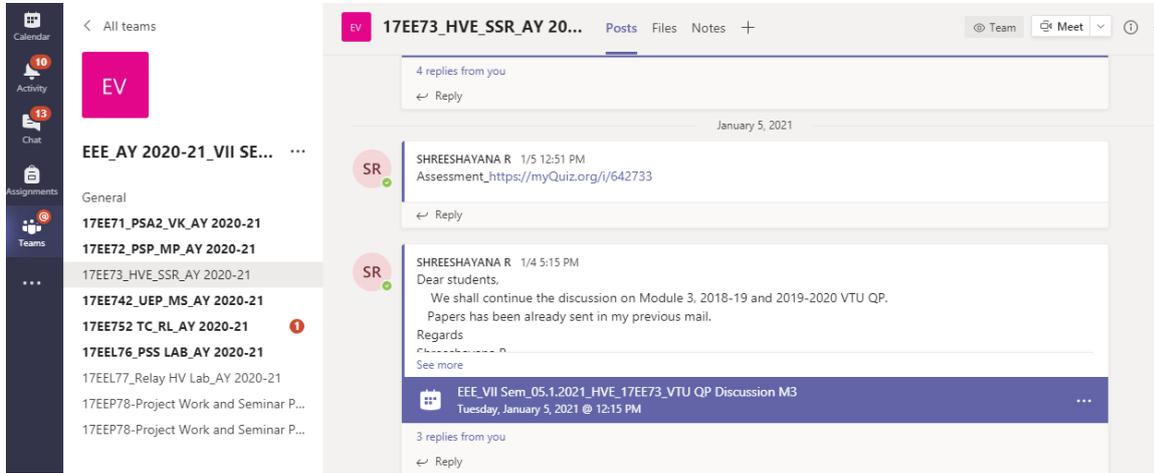


Google Form Evaluation

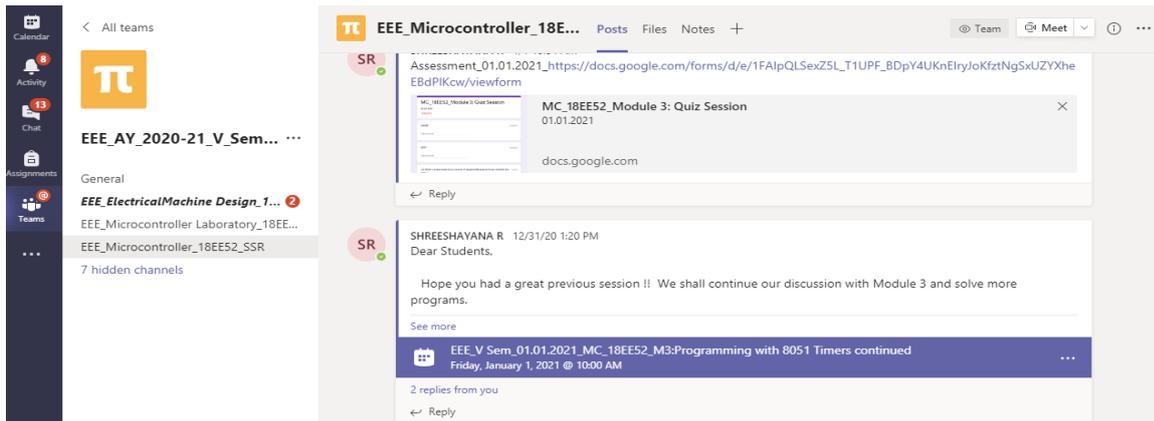


Department of Electrical and Electronics Engineering

MS Teams Channel Screenshot



This screenshot shows the MS Teams interface for the channel '17EE73_HVE_SSR_AY 2020-21'. The left sidebar lists various teams, including 'EEE_AY 2020-21_VII SE...', '17EE71_PSA2_VK_AY 2020-21', '17EE72_PSP_MP_AY 2020-21', '17EE73_HVE_SSR_AY 2020-21', '17EE742_UPEP_MS_AY 2020-21', '17EE752_TC_RL_AY 2020-21', '17EEL76_PSS_LAB_AY 2020-21', '17EEL77_Relay HV Lab_AY 2020-21', '17EEP78-Project Work and Seminar P...', and '17EEP78-Project Work and Seminar P...'. The main chat area shows a message from SHREESHAYANA R dated January 5, 2021, at 12:51 PM, with the subject 'Assessment_https://myQuiz.org/i/642733'. Below it is another message from SHREESHAYANA R dated January 5, 2021, at 5:15 PM, addressed to 'Dear students', discussing Module 3, 2018-19 and 2019-2020 VTU QP. A meeting card for 'EEE_VII Sem_05.1.2021_HVE_17EE73_VTU QP Discussion M3' is also visible, scheduled for Tuesday, January 5, 2021, at 12:15 PM.

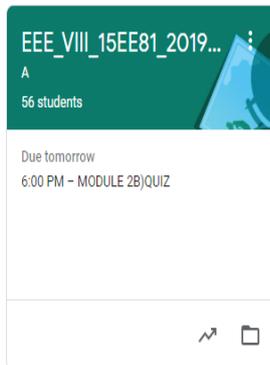


This screenshot shows the MS Teams interface for the channel 'EEE_Microcontroller_18EE52_SSR'. The left sidebar lists teams such as 'EEE_AY_2020-21_V_Sem...', 'EEE_ElectricalMachine Design_1...', 'EEE_Microcontroller Laboratory_18EE...', and 'EEE_Microcontroller_18EE52_SSR'. The main chat area shows a message from SHREESHAYANA R dated January 1, 2021, at 10:00 AM, with the subject 'EEE_V Sem_01.01.2021_MC_18EE52_M3:Programming with 8051 Timers continued'. Above this message is a Google Form titled 'MC_18EE52_Module 3: Quiz Session' dated 01.01.2021. Another message from SHREESHAYANA R dated December 31, 2020, at 1:20 PM, addresses 'Dear Students' and discusses continuing the discussion with Module 3.

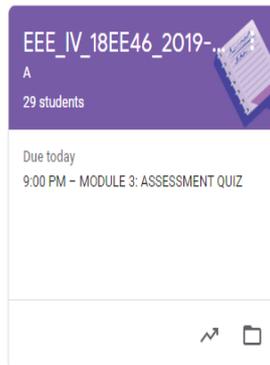
The Google classroom (snapshot) provided for reference.

classroom.google.com/h

Google Classroom



EEE_VIII_15EE81_2019-2020
A
56 students
Due tomorrow
6:00 PM - MODULE 2B)QUIZ

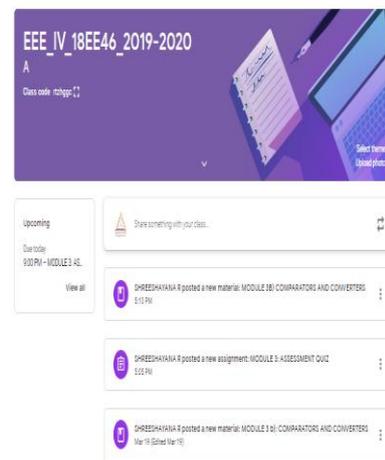


EEE_IV_18EE46_2019-2020
A
29 students
Due today
9:00 PM - MODULE 3: ASSESSMENT QUIZ

classroom.google.com/c/N7M1JNzEwMTxhNDVh

/18EE46_2019-2020

Stream Classwork People Grades



EEE_IV_18EE46_2019-2020
A
Class code: m3qgq-1

Upcoming
Due today
9:00 PM - MODULE 3: AS...

Share something with your class...

- SHREESHAYANA R posted a new material: MODULE 3: COMPARATORS AND CONVERTERS 5:11 PM
- SHREESHAYANA R posted a new assignment: MODULE 3: ASSESSMENT QUIZ 5:53 PM
- SHREESHAYANA R posted a new material: MODULE 3: COMPARATORS AND CONVERTERS 1hr 19 (pages 14-15)



Department of Electrical and Electronics Engineering

Class comments

Pooja Bai Mar 19
Sir what will be the real time application or use of zero crossing detector ?

SHREESHAYANA R 4:42 PM
This can be used for generating a timing signal but it is most often used to control an AC switch.

Zero crossing detection is used in many applications:
Controlled voltage rectifiers
Resonant power supplies
Induction motor speed control and soft starters
AC power controllers
Can visit the link for circuits:
<https://microcontrollerslab.com/zero-crossing-detection-circuits-examples-applications/>

Pooja Bai 5:37 PM
Thank you sir

Add class comment...

classroom.google.com/NTMjN2h4MTk4ZjZl/NTQhNjM2ODQh/submissions/by-status/and-sort-last-name/all

EEE_VIII_18EE61_2019-2020

Instructions Student work

Return 5 points

All students

Sort by status

Turned in

MODULE 2B)QUIZ

4 Turned in 52 Assigned

1 mohammed asim Turned in	4 bhayya S bhayya Turned in	5 SharathSubhama rya M.K Turned in	8 Manasha R Turned in
2 bhayya S bhayya Turned in	6 Sangeetha A C Assigned	7 harshitha Aichu Assigned	9 Muzammil ahmed Assigned
3 SharathSubhama M.K Turned in			10 carol anil Assigned



Digital Signal Processing – 17EE63
Module-4 Design of IIR Digital Filters

Ms. Swapna H
Asst Professor
Dept of EEE
ATME CoE, Mysuru



Analog Electronic Circuits - 18EE34
Module-I: Diode Circuits

Mr.Rajesh K S
Assistant Professor
Electrical and Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

NPTEL/EDUSAT Video Lecture Session



Students listening to the video lecture session on Electric Circuit Analysis

Instructional Materials:

- ATME Library is a resource center for teaching, learning & research.
- Library has e-Learning Centre, Reference Section and Journals/Magazines.
- Library holds a hybrid collection of printed as well as electronic resources which include books, journals, databases, audio-visuals, CDs/DVDs, e-books, e-journals, reports, course materials; previous years' question papers, Bound Volumes, Project Reports, case studies, conference proceedings, training manuals, etc.
- As the e-journals access is IP based, the stakeholders can take benefit of this facility from anywhere in the campus at any time. Some of them are listed in table

Sl.No.	DATABASE NAME	WEBSITE
1	IEEE Xplore Digital Library	http://ieeexplore.ieee.org/
2	Science Direct	http://www.sciencedirect.com/
3	Springer (E-Journals & E-Books)	http://link.springer.com/
4	NPTEL online videos	http://www.nptelvideos.com/
5	ProQuest	http://search.proquest.com/

E - Library

We offer our students the opportunity to learn anywhere and anytime. Access our E-resources from across the world. [Click here](#) to enter our E-library.

VTU -Important Links:

www.elearning.vtu.ac.in
www.elearning.vtu.ac.in

ATME Digital Library

ATME - KOHA

ATME - D Space



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College of Engineering



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Department of EEE
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Department of Electrical and Electronics Engineering

ATME College of Engineering

ATME Digital Library - NPTEL and E-Shikshana (VTU) Videos



Username

Password



NOTE : ATMECE Students and Staff can access Digital Library with your login credentials provided by College
EXAMPLE : Username : Staff ID / Student ID & Password : Provided by College for internet access



Log in to your account:

Login:

Password:

Log In



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Department of Electrical and Electronics Engineering

Student Learning Resources

Study Materials

Website Link:

<http://atme.in/electronics-electrical-engineering/resources/>

E & E

About The Department

Infrastructure

Faculty Details

Student Learning

Centric

Achievements

Research Initiatives

Industry Interface

Placement & Higher

Studies

Co-curricular &

Extracurricular

Activities

Teachers Teaching

Analysis

Counselling Module

E News Letter

Academic Year - 2020-2021

List of Subjects-EEE			
3RD SEMESTER SUBJECTS			
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator
1	18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	Mrs Divya K
2	18EE32	ELECTRIC CIRCUIT ANALYSIS	Mrs Lakshmi K
3	18EE33	TRANSFORMERS AND GENERATORS	Mrs Maria Sushma
4	18EE34	ANALOG ELECTRONIC CIRCUITS	Mr Rajesh K S
5	18EE35	DIGITAL SYSTEM DESIGN	Ms Swapna H
6	18EE36	ELECTRICAL AND ELECTRONIC MEASUREMENTS	Mr Sathish K R
7	18 EE L37	ELECTRICAL MACHINES LABORATORY -1	Mrs Maria Sushma
8	18 EE L38	ELECTRONICS LABORATORY	Mr Rajesh K S
9	18KVK39/49	VYAVAHARIKA KANNADA (KANNADA FOR COMMUNICATION)/	Mr Nandeesh
5TH SEMESTER SUBJECTS			
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator
1	18 EE51	MANAGEMENT AND ENTREPRENEURSHIP	Mr Vinod Kumar P
2	18 EE52	MICROCONTROLLER	Mr Shreeshayana R
3	18 EE53	POWER ELECTRONICS	Mr Sathish K R
4	18 EE54	SIGNALS AND SYSTEMS	Ms Swapna H
5	18 EE55	ELECTRICAL MACHINE DESIGN	Dr Parthasarathy L
6	18 EE56	HIGH VOLTAGE ENGINEERING	Mr Praveen Kumar
7	18 EEL57	MICROCONTROLLER LABORATORY	Mr Shreeshayana R
8	18 EEL58	POWER ELECTRONICS LABORATORY	Mr Sathish K R

atme.in/electronics-electrical-engineering/resources/

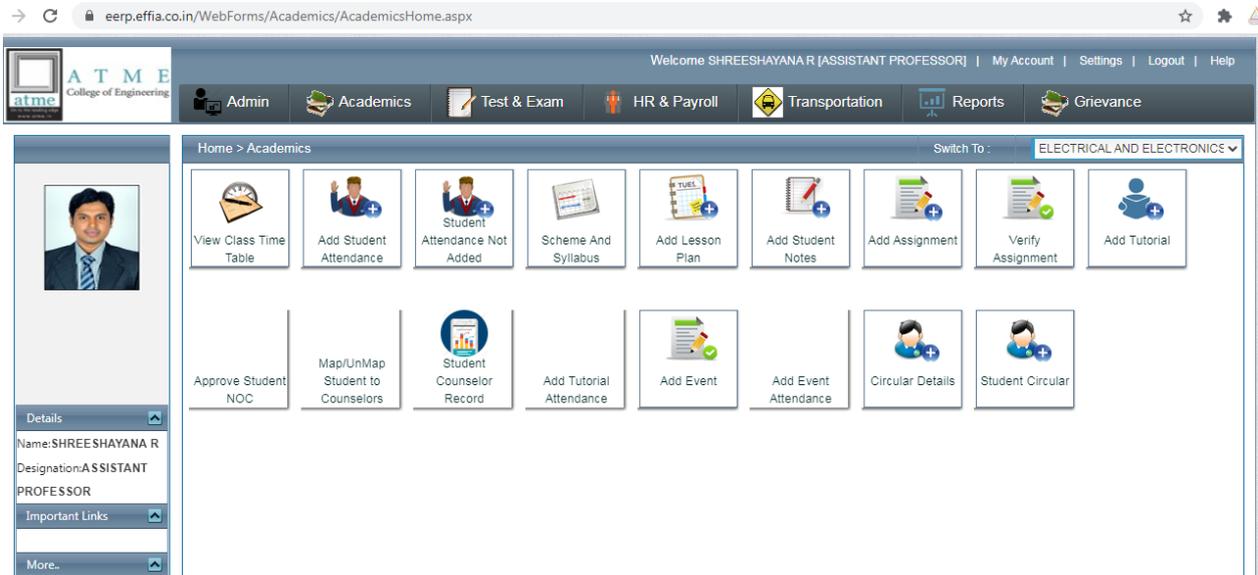
Course Details & Content								
3rd Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	Mrs Divya K	CLICK	CLICK	CLICK	CLICK	CLICK
2	18EE32	ELECTRIC CIRCUIT ANALYSIS	Mrs Lakshmi K	CLICK	CLICK	CLICK	CLICK	CLICK
3	18EE33	TRANSFORMERS AND GENERATORS	Mrs Maria Sushma	CLICK	CLICK	CLICK	CLICK	CLICK
4	18EE34	ANALOG ELECTRONIC CIRCUITS	Mr Rajesh K S	CLICK	CLICK	CLICK	CLICK	CLICK
5	18EE35	DIGITAL SYSTEM DESIGN	Ms Swapna H	CLICK	CLICK	CLICK	CLICK	CLICK
6	18EE36	ELECTRICAL AND ELECTRONIC MEASUREMENTS	Mr Sathish K R	CLICK	CLICK	CLICK	CLICK	CLICK
7	18 EE L37	ELECTRICAL MACHINES LABORATORY -1	Mrs Maria Sushma	CLICK	CLICK	CLICK	CLICK	CLICK
8	18 EE L38	ELECTRONICS LABORATORY	Mr Rajesh K S	CLICK	CLICK	CLICK	CLICK	CLICK
5th Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18 EE51	MANAGEMENT AND ENTREPRENEURSHIP	Mr Vinod Kumar P	CLICK	CLICK	CLICK	CLICK	CLICK
2	18 EE52	MICROCONTROLLER	Mr Shreeshayana R	CLICK	CLICK	CLICK	CLICK	CLICK
3	18 EE53	POWER ELECTRONICS	Mr Sathish K R	CLICK	CLICK	CLICK	CLICK	CLICK
4	18 EE54	SIGNALS AND SYSTEMS	Ms Swapna H	CLICK	CLICK	CLICK	CLICK	CLICK
5	18 EE55	ELECTRICAL MACHINE DESIGN	Dr Parthasarathy L	CLICK	CLICK	CLICK	CLICK	CLICK
6	18 EE56	HIGH VOLTAGE ENGINEERING	Mr Praveen Kumar	CLICK	CLICK	CLICK	CLICK	CLICK

Department of Electrical and Electronics Engineering

Student Learning Resources

Academic Information Management System

1. Notes and PPT
2. AIMS Link : <https://eerp.affia.co.in/Webforms/frmLogin.aspx>
Note: Credentials is required for Login

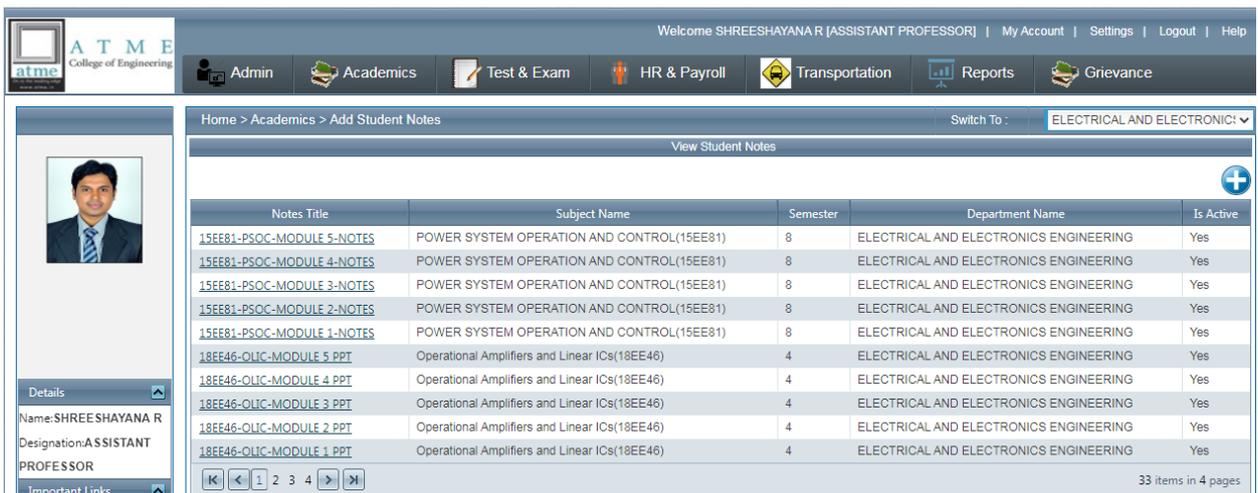


Home > Academics

Switch To : ELECTRICAL AND ELECTRONICS

View Class Time Table, Add Student Attendance, Attendance Not Added, Scheme And Syllabus, Add Lesson Plan, Add Student Notes, Add Assignment, Verify Assignment, Add Tutorial, Approve Student NOC, Map/UnMap Student to Counselors, Student Counselor Record, Add Tutorial Attendance, Add Event, Add Event Attendance, Circular Details, Student Circular

Details
Name: SHREESHAYANA R
Designation: ASSISTANT PROFESSOR



Home > Academics > Add Student Notes

Switch To : ELECTRICAL AND ELECTRONICS

View Student Notes

Notes Title	Subject Name	Semester	Department Name	Is Active
15EE81-PSOC-MODULE 5-NOTES	POWER SYSTEM OPERATION AND CONTROL(15EE81)	8	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
15EE81-PSOC-MODULE 4-NOTES	POWER SYSTEM OPERATION AND CONTROL(15EE81)	8	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
15EE81-PSOC-MODULE 3-NOTES	POWER SYSTEM OPERATION AND CONTROL(15EE81)	8	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
15EE81-PSOC-MODULE 2-NOTES	POWER SYSTEM OPERATION AND CONTROL(15EE81)	8	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
15EE81-PSOC-MODULE 1-NOTES	POWER SYSTEM OPERATION AND CONTROL(15EE81)	8	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
18EE46-OLIC-MODULE 5 PPT	Operational Amplifiers and Linear ICs(18EE46)	4	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
18EE46-OLIC-MODULE 4 PPT	Operational Amplifiers and Linear ICs(18EE46)	4	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
18EE46-OLIC-MODULE 3 PPT	Operational Amplifiers and Linear ICs(18EE46)	4	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
18EE46-OLIC-MODULE 2 PPT	Operational Amplifiers and Linear ICs(18EE46)	4	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes
18EE46-OLIC-MODULE 1 PPT	Operational Amplifiers and Linear ICs(18EE46)	4	ELECTRICAL AND ELECTRONICS ENGINEERING	Yes

33 items in 4 pages

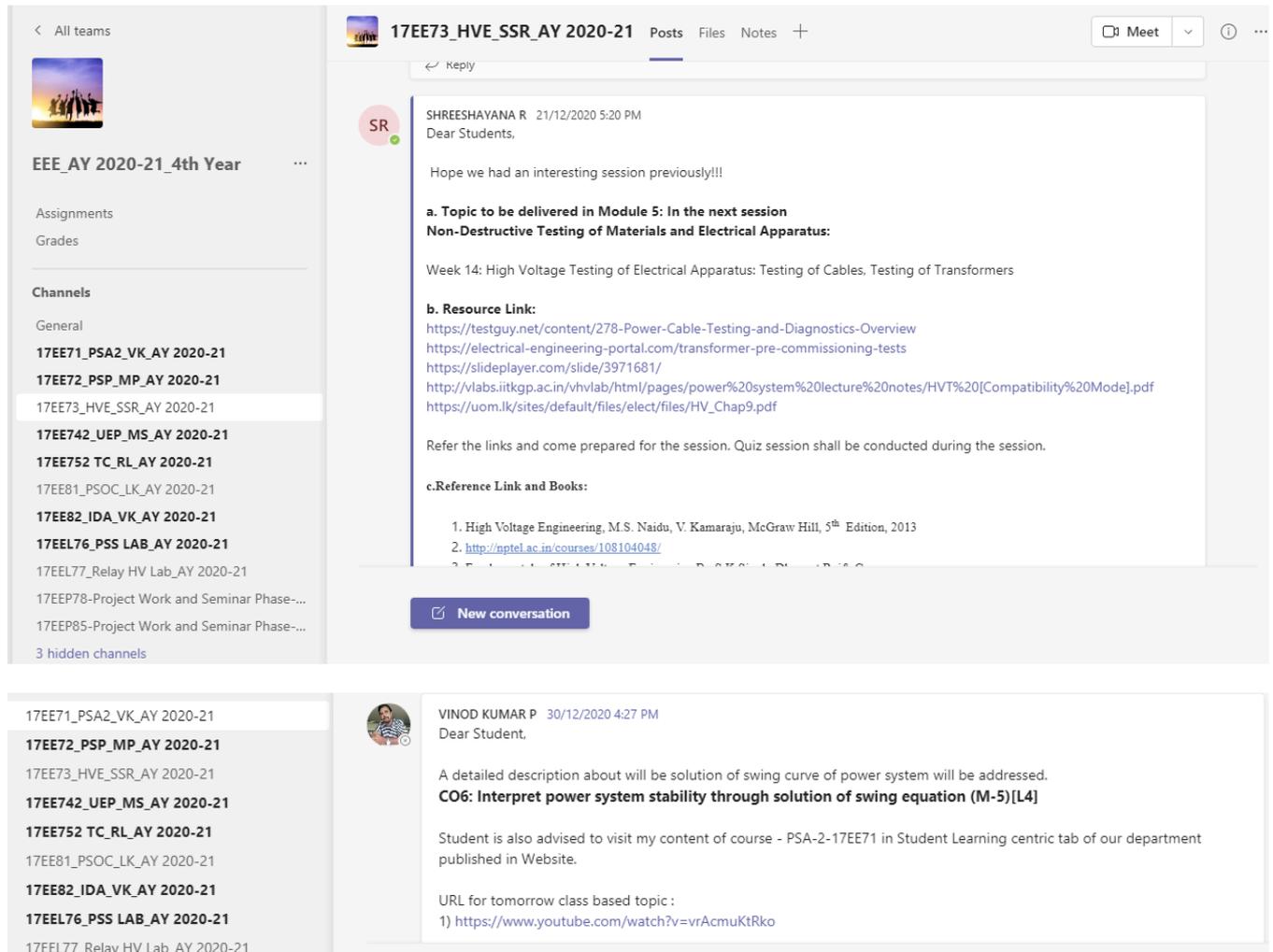
Details
Name: SHREESHAYANA R
Designation: ASSISTANT PROFESSOR

Dr. Parthasarathy L.
Dr. PARTHASARATHY L.
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Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Flipped Classroom:

To enhance the learning ability and problem solving ability preface of the topic to be Delivered is sent to students through Microsoft Teams.



17EE73_HVE_SSR_AY 2020-21 Posts Files Notes +

Meet

Reply

SR

SHREESHAYANA R 21/12/2020 5:20 PM
Dear Students,

Hope we had an interesting session previously!!!

a. Topic to be delivered in Module 5: In the next session
Non-Destructive Testing of Materials and Electrical Apparatus:

Week 14: High Voltage Testing of Electrical Apparatus: Testing of Cables, Testing of Transformers

b. Resource Link:
<https://testguy.net/content/278-Power-Cable-Testing-and-Diagnostics-Overview>
<https://electrical-engineering-portal.com/transformer-pre-commissioning-tests>
<https://slideplayer.com/slide/3971681/>
[http://vlabs.iitkgp.ac.in/vhvlab/html/pages/power%20system%20lecture%20notes/HVT%20\[Compatibility%20Mode\].pdf](http://vlabs.iitkgp.ac.in/vhvlab/html/pages/power%20system%20lecture%20notes/HVT%20[Compatibility%20Mode].pdf)
https://uom.lk/sites/default/files/elect/files/HV_Chap9.pdf

Refer the links and come prepared for the session. Quiz session shall be conducted during the session.

c. Reference Link and Books:

1. High Voltage Engineering, M.S. Naidu, V. Kamaraju, McGraw Hill, 5th Edition, 2013
2. <http://nptel.ac.in/courses/108104048/>
3. <https://www.youtube.com/watch?v=vrAcmuKtRko>

New conversation

17EE71_PSA2_VK_AY 2020-21

17EE72_PSP_MP_AY 2020-21

17EE73_HVE_SSR_AY 2020-21

17EE742_UEP_MS_AY 2020-21

17EE752_TC_RL_AY 2020-21

17EE81_PSOC_LK_AY 2020-21

17EE82_IDA_VK_AY 2020-21

17EEL76_PSS LAB_AY 2020-21

17EEL77_Relay HV Lab_AY 2020-21

VINOD KUMAR P 30/12/2020 4:27 PM
Dear Student,

A detailed description about will be solution of swing curve of power system will be addressed.
CO6: Interpret power system stability through solution of swing equation (M-5)[L4]

Student is also advised to visit my content of course - PSA-2-17EE71 in Student Learning centric tab of our department published in Website.

URL for tomorrow class based topic :
1) <https://www.youtube.com/watch?v=vrAcmuKtRko>


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Department of Electrical and Electronics Engineering

Participatory Learning

1. Webinars for Industry Institute Interaction
2. Technical Fest competitions offering peer to peer learning and enhancing Technical & logical thinking skills
3. Paper Presentation Activity
4. Co-curricular & Extra-Curricular activities/contests to imbibe self-confidence among students.
5. Group Assignment Activity



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College of Engineering



ISO 9001:2015



Department of EEE
Emitting Elite Energy

Department of Electrical and Electronics Engineering

Webinar

Department of Electrical and Electronics Engineering

Webinar

The Department has organised various Webinar Series for students through Industry Experts bridging the Industry Institute Interaction.

Event	Date	Resource Person	Target participants
Career Opportunities and Skillset for Engineering Graduates- Industry Expert Perspective	7 th August 2020	Kavyashree Ramesh Operations Head EmQoS,Bengaluru	IInd and IIIrd Year Students
IEEE Webinar Series: Role of Electric Vehicle in 21st century and relevance to India	21st October 2020	Mr. Ravikiran Annaswamy CEO of Innohabit Technologies	IInd and IIIrd Year Students
Clean Energy technologies & Technology aided Education as pillars for environmental sustainable rural Livelihoods	23 rd October 2020	Mr. Narayanan Subramaniam Mentor and Public Speaker	IInd and IIIrd Year Students
IoT in today's World	30 th May 2021	Mr Yashawanth V, Project Lead, L&T Technology Services, Mysuru	IInd and IIIrd Year Students
Entrepreneurship Skills in Youngsters	5 th June 2021	Mr.Sudeshkar K S, Founder & Managing Director, AlliaNce MechatroNics, Mysuru	IIIrd Year and Final Year Students from EEE
C Programming and Puzzles	26 th June 2021	Mr.Kiran B Assistant Professor Dept. of CSE	Final Year Students from EEE


Dr. PARTHASARATHY L.
 Professor and HOD
 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

“Career Opportunities and Skillset for Engineering Graduates-Industry Expert Perspective”

Event Date	Resource person	Target participants
7 th August 2020	Kavyashree Ramesh Operations Head EmQoS,Bengaluru	IInd and IIIrd Year Students from EEE



A T M E
College of Engineering

Department of Electrical & Electronics Engineering

Webinar on
“Career Opportunities & Skill set for Engineering Graduates-Industry Expert Perspective”

07th August, 2020 at 2.15PM.

Objectives of the Webinar Event:

- To explain the current opportunities for Engineers
- Technical Skillset required for Hardware & Software Engineering Profiles
- Work culture in Corporate Sector.

Event Details:

- Date and Time: 07th August, 2020 at 2.15PM to 3.15PM.
- Target Participants: 4th & 6th Semester EEE Students, Department of EEE, ATMECE

Speaker:
Ms. Kavyashree Ramesh
Operations Head
EmQoS Embedded Engineering Pvt Ltd, Bengaluru

Organizing Chairman
Dr. Parthasarathy L
HOD, Dept. of EEE,
ATMECE, Mysuru

Convener
Mr. Shreeshayana R
Assistant Professor,
Dept. of EEE, ATMECE

Faculty Coordinators
Mr. Sathish K R
Assistant Professor
Dept. of EEE, ATMECE

Mr. Vinod Kumar P
Assistant Professor
Dept. of EEE, ATMECE

Join The Webinar Through MS Team Link
Registration is Free
No E - Certificate will be Issued

Note:- Participants are requested to join session 10min before session starts

Department of Electrical and Electronics Engineering

Feedback:

Career Opportunities and Skillset required by Engineering Graduates

❖ **ELECTRICAL ENGINEERS: EMPLOYMENT OPPORTUNITIES:**

Job opportunities in Electrical Engineering in Central & State Government



**एनटीपीसी
NTPC**
NATIONAL THERMAL POWER CORPN. LTD.
Executive Trainees



**एनएचपीसी
Power Grid Corporation of India**
Executive Trainees



**एनएचपीसी
HINDUSTAN PETROLEUM CORPN. LTD.**
Graduate Engineers



**एनएचपीसी
NHPC**
Trainee Engineers



GAIL (India) Limited
Executive Trainees



Heavy Engineering Corporation Ltd.
(A GOVERNMENT OF INDIA ENTERPRISE)
Branch, India
Executive Trainees



**नालको
NALCO**
National Aluminium Company Limited
Graduate Engineers



**नन्दन फर्टिलाइजर्स लिमिटेड
एन.एफ.एल.
NATIONAL FERTILISERS LIMITED**
Management Trainees

ATME COLLEGE OF ENGINEERING MYSURU 7

Career Opportunities and Skillset required by Engineering Graduates

Skillsets - Hardware Professionals

Design engineers: VLSI/Digital/ASIC Chip design/Embedded

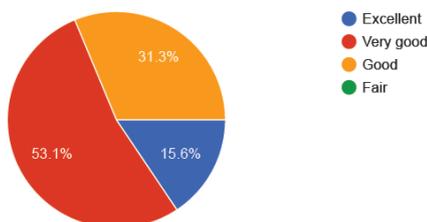
- ❖ Fundamentals of **digital logic design**-logic blocks, interconnects and synthesizing into right constructs etc.
- ❖ Fundamentals of **analog circuit design** –PLLs, CDR (clock and data recovery circuits), ADC/DAC, high speed signaling and signal integrity concepts (cross talk, jitter, ringing etc)
- ❖ Design Methodologies and flow-design flows and methodologies – RTL design, physical design, STA (Static timing analysis) etc.
- ❖ Use of at least one **HDL language** – Most of chip designs uses an HDL like System Verilog or VHDL and having a sound knowledge of the language helps you to translate your design into an efficient HDL model
- ❖ Recommended skills - **Scripting languages , Scripting languages , microprocessor and programming, hardware-software interface, Domain knowledge**
- ❖ Some of the domains that see a lot of chip designs include – **Networking (Ethernet, Storage etc), Wireless, IoT (Internet of things), ARM based SOC's using AMBA protocol interconnects** etc.

Prominent Curriculum Courses to focus:
VLSI/DSD, Microprocessors, HDL, Microcontrollers, Power Electronics, Computer networking, ARM, IoT

ATME COLLEGE OF ENGINEERING MYSURU 19

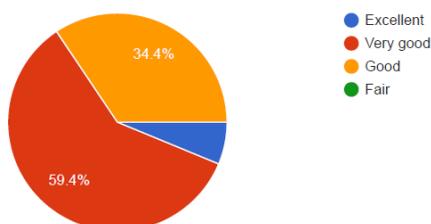
How would you rate the presenter?

32 responses



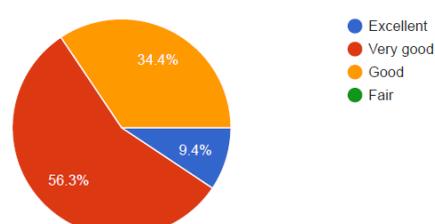
How would you rate the content of the webinar?

32 responses



How would you rate the overall webinar experience?

32 responses





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Department of EEE
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Department of Electrical and Electronics Engineering

IEEE Webinar Series: Role of Electric Vehicle in 21st century and relevance to India

Event Date	Resource person	Target participants
21st October 2020	Mr. Ravikiran Annaswamy CEO of Innohabit Technologies	IInd and IIIrd Year Students

Clean Energy technologies & Technology aided Education as pillars for environmental sustainable rural Livelihoods

Event Date	Resource person	Target participants
23 rd October 2020	Mr. Narayanan Subramaniam Mentor and Public Speaker	IInd and IIIrd Year Students


Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering



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College of Engineering



IEEE
BANGALORE SECTION











ATME IEEE Student Branch
Present Webinar Series
On 21st Oct 2020 at 6 PM &
23rd Oct 2020 at 3 PM

Resource Person

Webinar on: " Role of Electric Vehicle in 21st century and relevance to India"
Date: 21st October 6 PM



Mr. Ravikiran Annaswamy
CEO of Innohabit Technologies
Current business focus is on bringing Electric Mobility to Indian market & has launched various technology products like Fulcharge.com in this space

Webinar on: "Clean Energy technologies & Technology aided Education as pillars for environmental sustainable rural Livelihoods"
Date: 23rd October 3 PM



Mr. Narayanan Subramaniam
Mentor and Public Speaker
Expertize in Technology Leadership spanning Electric Vehicles, Networking, Telecommunications, Data Center Infrastructure and Cloud Services

Objectives of Webinar:

- 1) To explore recent trends and advantage of using electric vehicle in India Context.
- 2) To promote ecological sustainable growth while addressing Indian's energy Security challenges.

Program Convenor:
Dr Parthasarathy L
ATME IEEE Student Branch Counselor
Professor & Head, Department of EEE

Target Participants:
III & V Semester Students of
EC, CS, EEE , ME & CV

Program Coordinators

Mr. Vinod Kumar P
Assistant Professor
Department of EEE

Mr. Shreeshayana R
Assistant Professor
Department of EEE

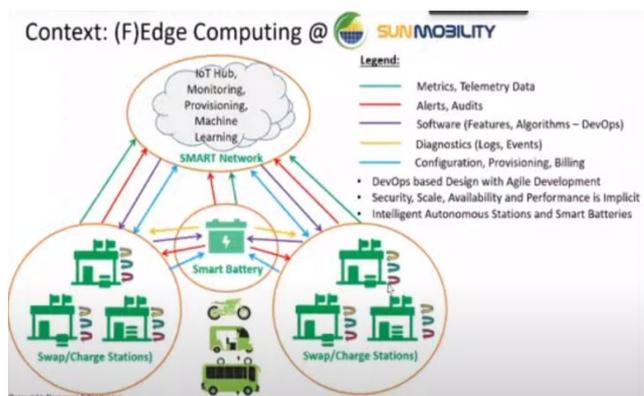
Mrs. Lakshmi K
Assistant Professor
Department of EEE



Registration Link

Join the Webinar through MS teams

Event Session

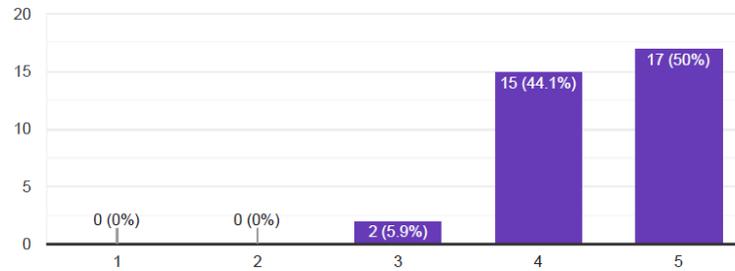


Feedback:

Department of Electrical and Electronics Engineering

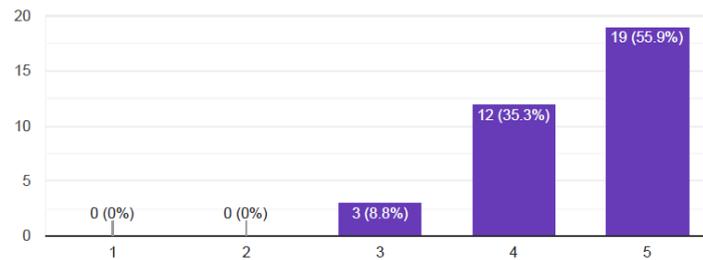
Was the content delivered in the session useful

34 responses



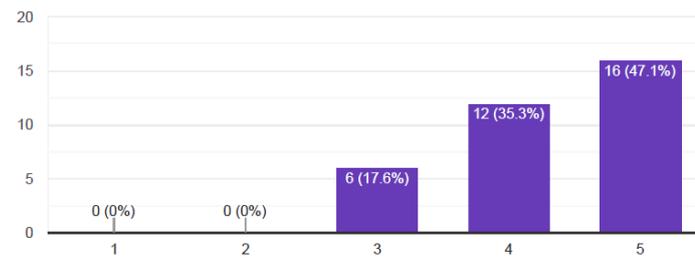
Rate the speaker's presentation skills:

34 responses



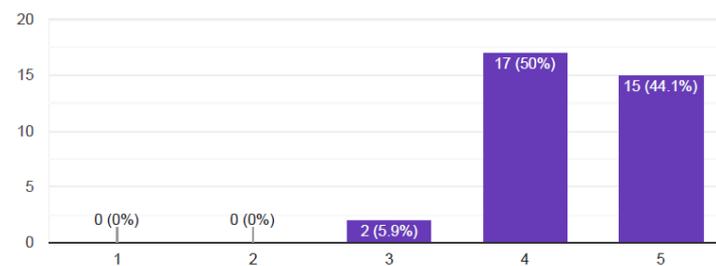
Has the resource person met your expectations

34 responses



Overall session evaluation

34 responses



Department of Electrical and Electronics Engineering

IoT in Today's World

Event Date	Resource person	Target participants
30 th May 2021	Mr Yashawanth V, Project Lead, L&T Technology Services, Mysuru	IInd and IIIrd Year Students



A T M E
College of Engineering



Department of Electrical & Electronics Engineering is

Organizing Webinar

on

“IoT in Today's World”

Resource Person:



Mr Yashawanth V,

Project Lead, L&T, technology services ,Mysuru

Objectives:

- To Understand the significance of the Internet of Things in real time applications.
- To enhance the technical skills.
- To understand the architecture, operation, and business benefits of an IoT solution



Date: 30th May 2021

Time: 10.00 AM to 11.00 AM

Target participants: 4th and 6th Semester students: EEE

Meeting Platform: Microsoft Teams

Chief Patrons

Sri. L. Arun Kumar
Chairman, ATMECE, Mysuru

Sri. K Shivashankar
Secretary, ATMECE

Sri. R Veeresh
Treasurer, ATMECE

Dr Basavaraj
Principal, ATMECE

Program Convener:

Dr. Parthasarathy L
ATME IEEE Student Branch Counsellor
Professor & Head
Department of EEE, ATMECE, Mysuru

Program Committee

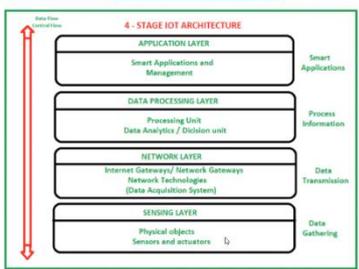
Mrs Lakshmi K
Assistant Professor
Department of EEE, ATMECE, Mysuru

Maria Sushma S
Assistant Professor
Department of EEE, ATMECE, Mysuru

Department of Electrical and Electronics Engineering

Event Session

IOT- ARCHITECTURE



4 - STAGE IOT ARCHITECTURE

- APPLICATION LAYER**: Smart Applications and Management (Smart Applications)
- DATA PROCESSING LAYER**: Processing Unit, Data Analytics / Decision unit (Process Information)
- NETWORK LAYER**: Internet Gateways/ Network Gateways, Network Technologies (Data Acquisition System) (Data Transmission)
- SENSING LAYER**: Physical objects, Sensors and actuators (Data Gathering)

A TECHNICAL TALK ON IOT

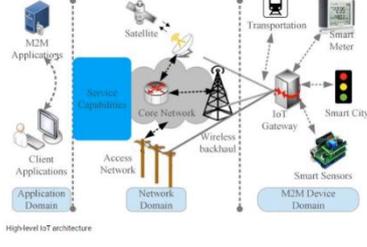
BY,
YASHAWANTH V
PROJECT LEAD
L&T TECHNOLOGY SERVICES, MYSORE



IOT- PLATFORM

Platform	Logo
Thing worx	
Cisco Virtualized Packet Core	
Salesforce	
GE Predix	

IOT- ARCHITECTURE



High level IOT architecture

IOT- SOFTWARE

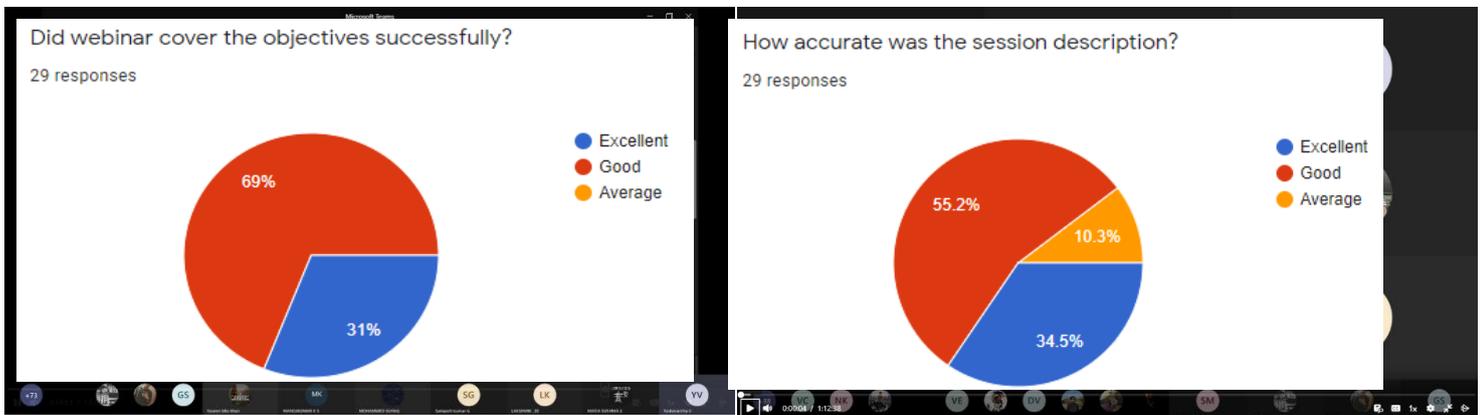
- Real-Time Analytics** – These applications take data or input from various devices and convert it into viable actions or clear patterns for human analysis. They analyze information based on various settings and designs in order to perform automation-related tasks or provide the data required by industry.



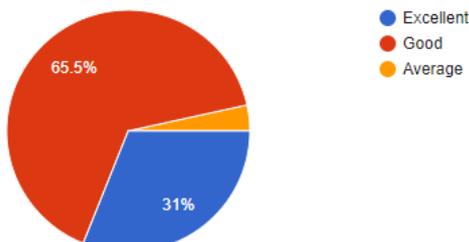

Internet of Things Landscape 2016



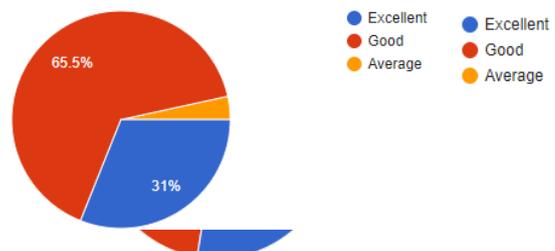
Feedback



How do you rate the resource person's delivery on the topic
29 responses



How do you rate the overall session
29 responses



projects/ major projects



Department of Electrical and Electronics Engineering

Entrepreneurship Skills in Youngsters

Event Date	Resource person	Target participants
5 th June 2021	Mr.Sudeshkar K S, Founder & Managing Director, AlliaNce Mechatronics, Mysuru	Pre-Final Year and Final Year Students from EEE



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College of Engineering








Department of Electrical & Electronics Engineering
In Association with Training & Placement Department

Organizing Webinar On
"Entrepreneurship Skills in Youngsters"

Date:
5th June 2021
Time:
3 PM to 4 PM
Target participants:
Pre-Final Year and Final Year Students EEE

Resource Person:



Sudeshkar K S
Founder & Managing Director
AlliaNce Mechatronics
Mysuru

About Resource Person:
Mr.Sudeshkar.K.S having 25 years of experience in various industries Automotive, Mechanical, Electrical and EMS, Worked in Supply chain, Operations and as Head of Quality. Worked with Global teams and was instrumental in executing global processes has successfully led a team to build an organization with customer focus and best service.

Objectives of the Webinar:

- To develop and strengthen the entrepreneurial quality.

Sri. L Arun Kumar
Chairman, ATMECE, Mysuru

Chief Patrons

Sri. R Veeresh
Treasurer, ATMECE, Mysuru

Sri. K Shivashankar
Secretary, ATMECE, Mysuru

Patron:
Dr. Basavaraj L
Principal
ATMECE, Mysuru

Program Chair:
Dr. Parthasarathy L
Execom Member, EEE
Mysuru Subsection,
Professor & Head
Dept of EEE ATMECE, Mysuru

Program Committee:

Mr. Praveen Kumar M
Assistant Professor
Department of EEE
ATMECE, Mysuru

Mr. Sathish K R
Assistant Professor
Department of EEE
ATMECE, Mysuru



Registration Link: <https://forms.gle/fMe46mQVDYfjmcZd6>


Dr. PARTHASARATHY L.
 Professor and HOD
 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Event Session



AlliaNce
MechatroNics

Entrepreneurship skill's in Youngsters

You Dream it
We Build it ...

Activate Windows
Go to Settings to activate Windows.

+50 MK GS NS DS DEEPAK M V S RUDRA NAZ KHANAM DEEPTI M S SHARATH S PRAVEEN KUMAR M VINOD KUMAR P

Problem Solving

Technology eats jobs.

&

Technology **creates** new jobs!

Classic Example is : NOKIA



Activate Windows
Go to Settings to activate Windows.

+42 MK GS DM DS RUDRA NAZ KHANAM ROHITH D S SHARATH S PRAVEEN KUMAR M VINOD KUMAR P

Stream Link : <https://web.microsoftstream.com/video/f5ab2a5e-40c3-474e-b736-d834a7543293>


Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

C Programming & Puzzles

Event Date	Resource person	Target participants
5 th June 2021	Mr.Kiran B Assistant Professor Dept. of CSE	Final Year Students from EEE

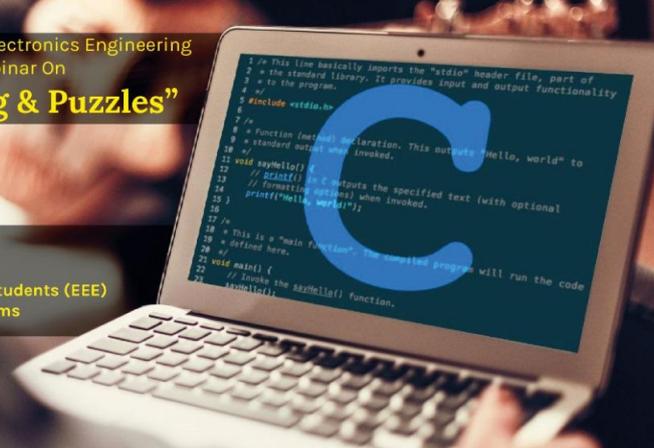


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Department of Electrical & Electronics Engineering
Organizing Webinar On
“C Programming & Puzzles”

Date: 26/6/2021
Time: 11am to 1pm
Target participants: Final Year Students (EEE)
Meeting Platform: Microsoft Teams



Resource Person

Mr. Kiran B
Assistant Professor
Department of Computer Science Engineering
ATMECE, Mysuru.

Objectives of the Webinar

- To enhance the programming skills in students.

Chief Patrons

Sri. L Arun Kumar
Chairman, ATMECE, Mysuru

Sri. K Shivashankar
Secretary, ATMECE

Sri. R Veeresh
Treasurer, ATMECE

Patron

Dr.Basavaraj L
Principal
ATMECE, Mysuru

Program Chair

Dr. Parthasarathy L
Execom Member,
IEEE Mysuru subsection.
Professor & Head
Department of EEE
ATMECE, Mysuru

Program Committee

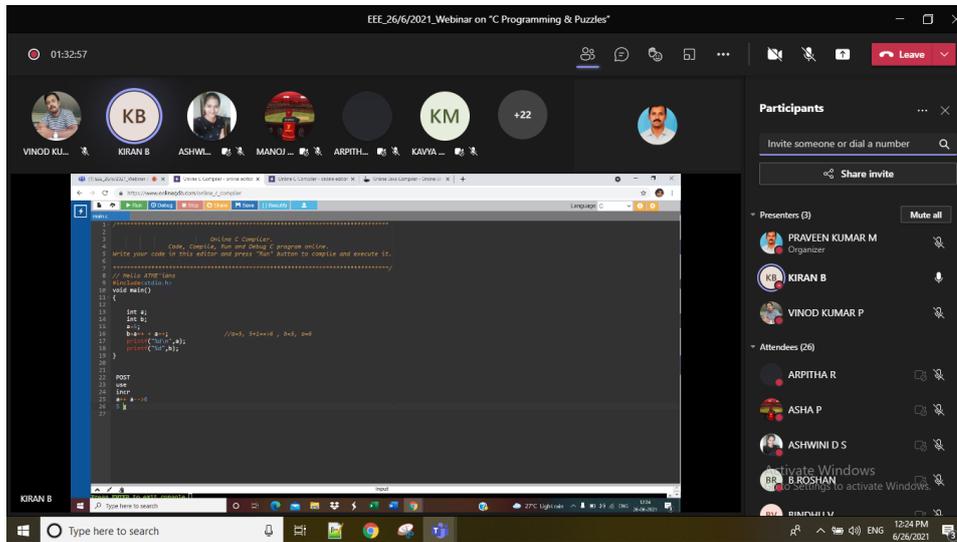
Mr.Praveen Kumar M
Assistant Professor
Department of EEE
ATMECE, Mysuru

Mr.Vinod Kumar P
Assistant Professor
Department of EEE
ATMECE, Mysuru

Registration Link: <https://forms.gle/KTbtMhsYK8hIGShS8>


Dr. PARTHASARATHY L.
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Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

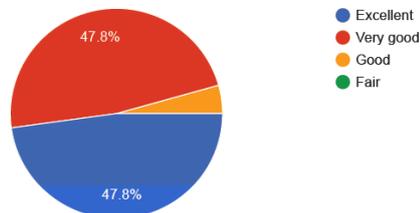


Stream Link: <https://web.microsoftstream.com/video/c96cdf2-e687-40a8-8f7a-717550ac7304>

Feedback:

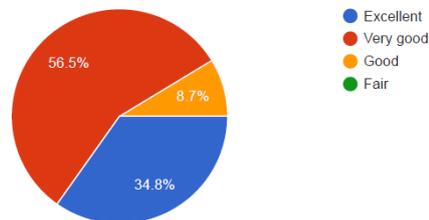
How would you rate the presenter?

23 responses



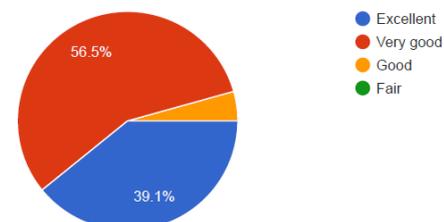
How would you rate the content of the webinar?

23 responses



How would you rate the overall webinar experience?

23 responses





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Department of EEE
Emitting Elite Energy

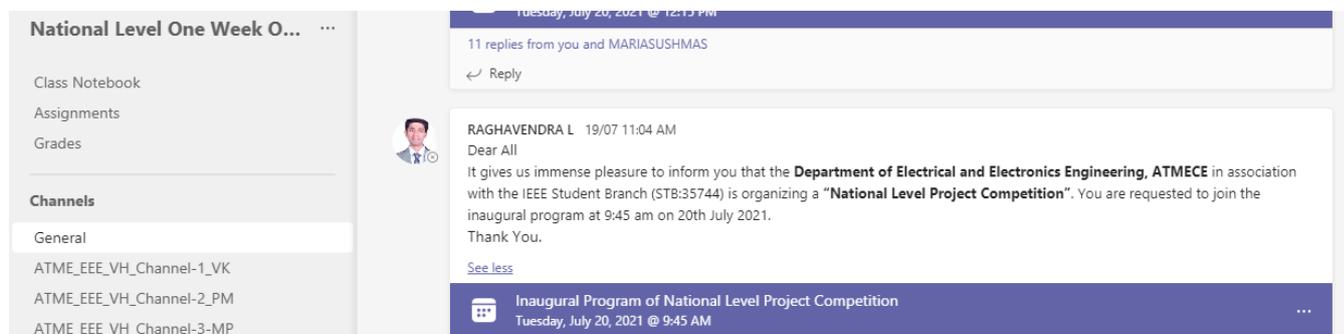
Department of Electrical and Electronics Engineering

**Technical competitions offering peer to peer learning
and enhancing Technical & logical thinking skills**

Department of Electrical and Electronics Engineering

National Level Project Competition

Online Session Screenshots:



National Level One Week O...

Class Notebook
Assignments
Grades

Channels

General
ATME_EEE_VH_Channel-1_VK
ATME_EEE_VH_Channel-2_PM
ATME_EEE_VH_Channel-3-MP

Tuesday, July 20, 2021 @ 12:13 PM

11 replies from you and MARIASUSHMAS

Reply

RAGHAVENDRA L 19/07 11:04 AM

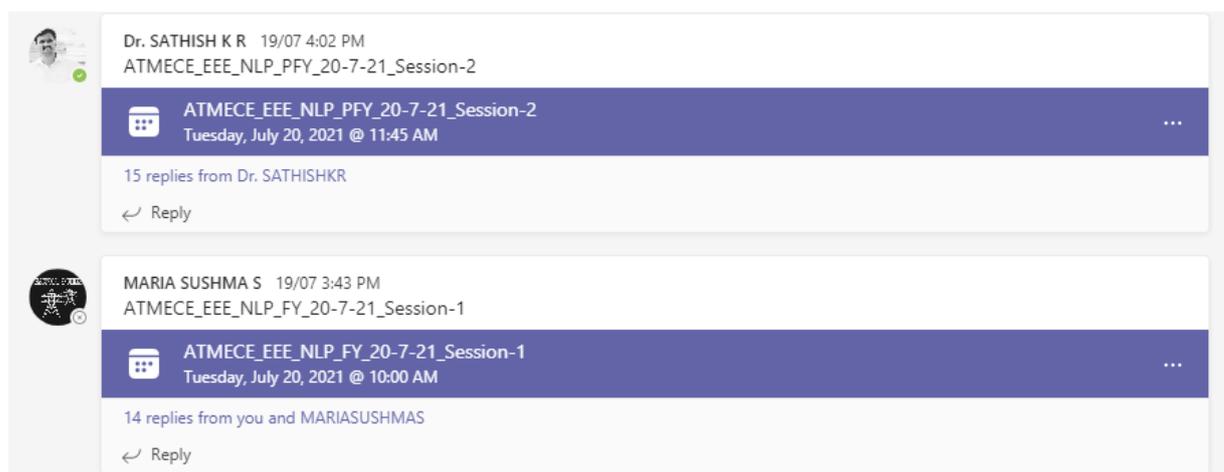
Dear All

It gives us immense pleasure to inform you that the **Department of Electrical and Electronics Engineering, ATMECE** in association with the IEEE Student Branch (STB:35744) is organizing a "National Level Project Competition". You are requested to join the inaugural program at 9:45 am on 20th July 2021.

Thank You.

[See less](#)

Inaugural Program of National Level Project Competition
Tuesday, July 20, 2021 @ 9:45 AM



Dr. SATHISH K R 19/07 4:02 PM

ATMECE_EEE_NLP_PFY_20-7-21_Session-2

ATMECE_EEE_NLP_PFY_20-7-21_Session-2
Tuesday, July 20, 2021 @ 11:45 AM

15 replies from Dr. SATHISHKR

Reply

MARIA SUSHMA S 19/07 3:43 PM

ATMECE_EEE_NLP_FY_20-7-21_Session-1

ATMECE_EEE_NLP_FY_20-7-21_Session-1
Tuesday, July 20, 2021 @ 10:00 AM

14 replies from you and MARIASUSHMAS

Reply

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING					
NATIONAL LEVEL PROJECT COMPETITION (ONLINE)					
FINAL YEAR PROJECTS					
SESSION-1_10A.M to 12Noon					
TEAM ID	Title of the Project	INSTITUTION	TEAM LEAD NAME	GUIDE Name	TIME
ATME_NLP_01	SMART WASTE MANAGEMENT SYSTEM USING IoT	BIET,Davangere	ANUSHA B	Mr.KARIBASAVARAJU.T.S	10AM to 10.15AM
ATME_NLP_02	IoT BASED HOME AUTOMATION SYSTEM	GNIT,Kolkata	NILABHA ROY	Mr.AVEEKCHATTOPADHAY	10.15AM to 10.30A.M
ATME_NLP_03	AUTOMATIC LNE FAULT DETECTION & SAFETY CONTROL OF CIRCUIT BREAKER USING IoT	GSSSIETW,Mysuru	POOJA P	Dr. JAGADISHA N	10.30A.M to 11A.M
ATME_NLP_04	SMART PPE KIT FOR HEALTHCARE WORKERS	ATMECE,Mysuru	SIMRAH FATHIMA	Mr.SHREESHAYANA R	11A.M to11.15A.M
ATME_NLP_05	TRANSFORMER HEALTH MONITORING AND CONTROL USING IoT	VVIET,Mysuru	KIRANA S R	Dr.SHAMALA	11.15A.M to 11.30A.M
ATME_NLP_06	SMART MOBILITY ELECTRIC BIKE	ATMECE,Mysuru	PRADEEP K	Dr.SATHISH K R	11.30AM to 11.45PM
ATME_NLP_07	IoT BASED HYDROPHONICS FARMING	ATMECE,Mysuru	KIRAN KUMAR G	Mr.VINOD KUMAR P	11.45AM to 12PM



Department of Electrical and Electronics Engineering



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
NATIONAL LEVEL PROJECT COMPETITION (ONLINE)

FINAL YEAR PROJECTS

SESSION-3_2PM to 3.30PM

TEAM ID	Title of the Project	INSTITUTION	TEAM LEAD NAME	GUIDE Name	TIME
ATME_NLP_13	SMART PILL DISPENSER WITH VITAL SIGN MONITORING SYSTEM	ATMECE,Mysuru	ASHWINI D S	Dr Shakunthala C	2PM to 2.15P.M
ATME_NLP_14	DC ELECTRIFICATION FOR RURAL HOUSEHOLD WITH ENERGY MONITORING SYSTEM	ATMECE,Mysuru	VARUN A	Mr.RAGHAVENDRA L	2.15PM to 2.30PM
ATME_NLP_15	DEVELOPMENT OF COLD STORAGE FOR AGRICULTURE SYSTEM	ATMECE,Mysuru	ASHA P	Ms.SWAPNA H	2.30PM to 3PM
ATME_NLP_16	WOMAN AIRCRAFT REFUGE	ATMECE,Mysuru	B ROSHAN	Mr.PRAVEEN KUMAR M	3PM to 3.15PM
ATME_NLP_17	SURVELLIENCE ROBOT FOR HOME & INDUSTRIAL APPLICATIONS	ATMECE,Mysuru	GULABI P	MRS.LAKSHMI K	3.15PM to 3.30PM



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
NATIONAL LEVEL PROJECT COMPETITION (ONLINE)

FINAL YEAR PROJECTS

SESSION-2_12.15P.M to 1.30PM

TEAM ID	Title of the Project	INSTITUTION	TEAM LEAD NAME	GUIDE Name	TIME
ATME_NLP_08	GAMIFIED PLATFORM FOR INTRODUCTION OF EV DRIVE	BMSCE,Bengaluru	GURU KIRAN PRABHU	Dr. V CHAMPA	12.15PM to 12.30PM
ATME_NLP_09	HEART DISEASE PREDICTION USING IoT AND MACHINE LEARNING	VVIET,Mysuru	MOHITH T S	Ms.KAVYASHREE S	12.30PM to 12.45PM
ATME_NLP_10	GREEN INITIATIVE LOW COST ELECTRIC VEHICLE	VVCE,Mysuru	SADMA ZULFA	Dr.GOPALA REDDY K	12.45PM to 1PM
ATME_NLP_11	DESIGN OF INTELLIGENT & ROBOTIC LIBRARY MANAGEMENT SYSTEM	ATMECE,Mysuru	ARPITHA R	Mr.VINOD KUMAR P	1PM to 1.15PM
ATME_NLP_12	Automatic (S.M.G) SANITISER,MASK,GLOVE DISPENSING MACHINE	ATMECE,Mysuru	MOHAMMED FARIS	Mr.PRAVEEN KUMAR M	1.15PM to 1.30PM

Par

HOD

Dr. PARTHASARATHY L.
Professor and HOD
Dpt. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



ATME

College of Engineering



Department of Electrical and Electronics Engineering



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NATIONAL LEVEL PROJECT COMPETITION (ONLINE)

FINAL YEAR PROJECTS

SESSION-4_ 3.45PM to 4.30PM

TEAM ID	Title of the Project	INSTITUTION	TEAM LEAD NAME	GUIDE Name	TIME
ATME_NLP_18	SMART DISINFECTION & SANITISATION TUNNEL	ATMECE,Mysuru	SUPRITHA R	DR.SHAKUNTHALA C	3.45PM to 4PM
ATME_NLP_19	E-BIKE WITH BLACK BOX	ATMECE,Mysuru	JOSHUA H RAYAPURI	Ms.MARIA SUSHMA S	4PM to 4.15PM
ATME_NLP_20	Hybrid AC/DC MICROGRID TEST SYSTEM SIMULATION: GRID CONNECTED MODE	ATMECE,Mysuru	ASHWINI C R	Mr.RAGHAVENDRA L	4.15PM to 4.30PM



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NATIONAL LEVEL PROJECT COMPETITION (ONLINE)

PRE-FINAL YEAR PROJECTS

SESSION-1_10A.M to 11.30A.M

TEAM ID	Title of the Project	INSTITUTION	TEAM LEAD NAME	GUIDE Name	TIME
ATME_NLP_01	Driver drowsiness detection system	ATMECE,Mysuru	POOJA BAI	Ms.SWAPNA H	10AM to 10.15AM
ATME_NLP_02	Covid 19 Identification of temperature and startization of sanitizer kit	ATMECE,Mysuru	VENKATARAMU D	Mr.VINOD KUMAR P	10.15AM to 10.30A.M
ATME_NLP_03	ASSISTIVE TOOL KIT FOR ALZHEIMER'S PATIENT	ATMECE,Mysuru	YASEEN ULLA KHAN	Ms.SWAPNA H	10.45A.M to 11A.M
ATME_NLP_04	Design of Power converters for Electric Vehicles	BMS College Of Engineering	VARSHA M	DR.R S GEETHA	11A.M to 11.15A.M
ATME_NLP_05	DTMF Controlled Robot using Arduino	GSSSIETW,Mysuru	NANDANA R	MS.SHRAVYA J	11.15A.M to 11.30A.M

HOD

Dr. PARTHASARATHY L.
Professor and HOD
D.pt. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



Department of Electrical and Electronics Engineering



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NATIONAL LEVEL PROJECT COMPETITION (ONLINE)

PRE-FINAL YEAR PROJECTS

SESSION-2_11.45A.M to 1.30PM

TEAM ID	Title of the Project	INSTITUTION	TEAM LEAD NAME	GUIDE Name	TIME
ATME_NLP_06	Oxygen Concentrator Machine	ATMECE,Mysuru	LAKSHMI A A	Mr.PRAVEEN KUMAR M	11.45A.M to 12PM
ATME_NLP_07	Library management system for ATMECE	ATMECE,Mysuru	AISHWARYA M	Mr.SHREESHAYANA R	12.15PM to 12.30PM
ATME_NLP_08	Automatic hand sanitizer dispenser using arduino	GSSSIETW,Mysuru	AKHILA S M	Dr DIVYA .S	12.30PM to 12.45PM
ATME_NLP_09	IOT Based Advanced Former assist system	ATMECE,Mysuru	PRAVEEN GOWDA S B	MRS.LAKSHMI K	12.45PM to 1.15 PM
ATME_NLP_10	Controlling movement of door using mobile phone.	VVCE,Mysuru	VISMAYA S	Dr.GOPALA REDDY K	1.15PM to1.30PM

Sample Outcome:



Dr. Parthasarathy L.
HOD
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



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HOD
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
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 **IEEE**
BANGALORE SECTION

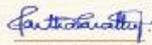




ATME College of Engineering
13th Kilometre, Mysore – Kanakapura – Bengaluru Road. Mysuru – 570 028
Department of Electrical & Electronics Engineering
Certificate of Participation

This is to certify that

Mr./Ms. AISHWARYA M of **ATME College of Engineering Mysuru**
has presented the Project entitled **Library Management System For ATMECE**
in the National Level Project Competition organized by the **Department Association “Quantum”** in
association with **IEEE Student Branch (STB: 35744), ATMECE on 20th July 2021.**


Dr. Parthasarathy L
Program Chairman NLP-2021,
Professor & Head Dept. of EEE,
ATMECE, Mysuru


Dr. L. Basavaraj
Principal
ATMECE, Mysuru

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BANGALORE SECTION

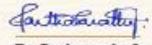




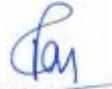
ATME College of Engineering
13th Kilometre, Mysore – Kanakapura – Bengaluru Road. Mysuru – 570 028
Department of Electrical & Electronics Engineering
Certificate of Participation

This is to certify that

Mr./Ms. BHARATH S of **ATME College of Engineering Mysuru**
has presented the Project entitled **Assistive Tool Kit For Alzheimer'S Patient**
in the National Level Project Competition organized by the **Department Association “Quantum”** in
association with **IEEE Student Branch (STB: 35744), ATMECE on 20th July 2021.**


Dr. Parthasarathy L
Program Chairman NLP-2021,
Professor & Head Dept. of EEE,
ATMECE, Mysuru


Dr. L. Basavaraj
Principal
ATMECE, Mysuru


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Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



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22nd July 2021

Results of National Level Project Competition

The Department association "QUANTUM" in association with the IEEE Student Branch (STB:35744) had organized a "National Level Project Competition" on 20th July 2021 for Final & Pre-Final Year EEE Students through Virtual Platform. The results of the event are as follows:

Category: Final Year Project

Sl. No.	TEAM ID	Title of the Project	Institute	Team Lead	Award
1	ATME_NLP_04	SMART PPE KIT FOR HEALTHCARE WORKERS	ATME College of Engineering, Mysuru	SIMRAH FATHIMA	I Place
2	ATME_NLP_10	GREEN INITIATIVE LOW-COST ELECTRIC VEHICLE	Vidya Vardhaka College of Engineering, Mysuru	SAIMA ZULFA	II Place
3	ATME_NLP_08	GAMIFIED PLATFORM FOR INTRODUCTION OF EV DRIVE	BMS College of Engineering, Bengaluru	GURU KIRAN PRABHU	Consolation
4	ATME_NLP_12	AUTOMATIC SANITISER, MASK, GLOVE DISPENSING MACHINE	ATME College of Engineering, Mysuru	MOHAMMED FARIS	Consolation

Category: Pre-Final Year Project

Sl. No.	TEAM ID	Title of the Project	Institute	Team Lead	Award
1	ATME_NLP_16	SINGLE AXIS SOLAR TRACKING SYSTEM	GSSS Institute of Engineering and Technology for Women, Mysuru	MUSKAN BANU	I Place
2	ATME_NLP_05	DTMF CONTROLLED ROBOT USING ARDUINO	GSSS Institute of Engineering and Technology for Women, Mysuru	NANDANA R	II Place
3	ATME_NLP_20	SMART IRRIGATION SYSTEM USING IOT	ATME College of Engineering, Mysuru	GAGANA S	Consolation

Program Convener
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Principal

ATME COLLEGE OF ENGINEERING

13th Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore - 570 028 P : 0821-2593315 F: 0821-2593328
Email: info@atme.in, Web : www.atme.in

HOD

Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



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Paper Presentation Activity



ICRTST-2021 Conference: 8th and 9th July 2021



International Conference for Recent Trends in Science & Technology

Technical Committee Report

Department: Electrical & Electronics Engineering

Day-1 _Session-1

Time:3.30PM to 5.30PM

Meeting Link: <https://bit.ly/3AFSf9a>

Session Video Link:

<https://web.microsoftstream.com/video/83b4f65a-edb5-492b-a427-ed3251408083>

Feedback link

<https://web.microsoftstream.com/video/c203421c-592c-4c62-a964-0eb7732714e6>

Presentation Report

Sl.No.	SCHEDULE	Paper ID	Title of the Paper	Presented By	Affiliation
1	3:30 to 3:45pm	51	Dynamic Power Synthesis Approach for Logic Gate Level Combinational Circuit	Dr. Lokesh C	Vidyavardhaka College of Engineering, Mysuru, Karnataka.
2	3:45 to 4:00pm	177	Comparative Analysis of DC Link Capacitor Voltage Obtained Under Adaptive Detection Algorithm of Shunt Active filter	Mr.Nikhil G Bharadwaj	Siddaganga Institute of Technology
3	4:00 to 4:15pm	30	REVIEW ON OPTIMISATION STRATEGIES ANALYSIS OF WALLACE TREE MULTIPLIER	Mr. Vishal C H	Jyothismathi institute of technology and science, karimnagar
4	4:15 to 4:30pm	74	Performance Analysis of Indigenous oil as Alternate to Transformer Insulation for Power System Applications	Mr.D M Srinivasa	Christ(Deemed to be University),Bangalore
5	4:30 to 4:45pm	147	SMART CONTROLLER FOR FUTURE WATER CRISES	Ms.Nikitha M E	ATMECE, Mysuru
6	4:45 to 5:00pm	171	DOUBLE CHAMBER MICROBIAL FUEL CELL (DC-MFC) FOR GREEN ENERGY GENERATION FROM CANTEEN	Dr. Shakunthala C	ATMECE, Mysuru

Academy for Technical & Management Excellence

1511, Gomathi, Mysore Bannur Road, Mysore - 571 028 | P:0821 2593335 | F:0821 2573328

E-Mail: office@atme.in | www.atme.in

Department of Electrical and Electronics Engineering

			WASTEWATER AND A DC/DC BOOST CONVERTER		
7	5:00 to 5:15pm	130	Energy Efficiency Hybrid Dual Axis Solar Tracking System	Ms.Gulabi P	ATMECE, Mysuru

Presentation Screenshots



[Signature]
Dr. PARTHASARATHY L.
 Professor and HOD
 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

International Conference for Recent Trends in Science & Technology

Technical Committee Report

Department: Electrical & Electronics Engineering

Day-2 _Session-1

Time:11.15 AM to 1 PM

Meeting Link: <https://bit.ly/3hT3LFo>

Session Video Link:

<https://web.microsoftstream.com/video/1b1cdfc4-7e27-4605-a04a-5b40bab90078>

Presentation Report

SLNo.	SCHEDULE	Paper ID	Title of the Paper	Presented By	Affiliation
1	11:15 to 11:30am	132	Sanitary Napkin Vending Machine with Incinerator for Menstrual Hygiene	Ms. SIMRAH FATHIMA Mr. SHREESHAYANAR	ATMECE, Mysuru
2	11:30 to 11:45am	129	Development of Glass Cleaning Robot	AKSHAY D	ATMECE, Mysuru
3	11:45 to 12:00pm	141	Automatic Cooking Machine For A Specific Recipe	MARIA SUSHMAS	ATMECE, Mysuru
4	12:00 to 12:15pm	146	Automatic Waste Segregator with Status Alert	LAKSHMI K	ATMECE, Mysuru
5	12:15 to 12:30pm	173	A Review of Hybrid Back-to-Back MMC Connected Drive System	VANDANA R	Siddaganga Institute of Technology
6	12:30 to 12:45pm	30	Review On Optimisation Strategies Analysis Of Wallace Tree Multiplier	VISHAL	Jyothismathi group of institutions,karimnagar.
7	12:45 to 1:00pm	196	ANALYSIS OF PV FED SINGLE INPUT DOUBLE OUTPUT LUO CONVERTER FOR INDUCTION	SURESH	Siddaganga Institute of Technology



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Sample Certificate



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International Conference
on Recent Trends in Science & Technology
8th & 9th July 2021
ICRTST - 2021



CERTIFICATE

This is to certify that Mr/Mrs/Ms/Dr/Prof SIMRAH FATHIMA
ATME COLLEGE OF ENGINEERING, MYSURU
 has presented paper entitled Sanitary Napkin Vending Machine with Incinerator for Menstrual Hygiene
 in the "international Conference on Recent Trends in Science & Technology ICRTST - 2021 "
 organized by ATME College of Engineering, Mysuru held on 8th and 9th July 2021.



Dr. Parthasarathy L
Organizing Chair, ICRTST-2020
Professor & Head
Dept. of EEE, ATMECE, Mysuru



Dr. Basavaraj L
Principal
ATMECE, Mysuru


Dr. PARTHASARATHY L.
 Professor and HOD
 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru



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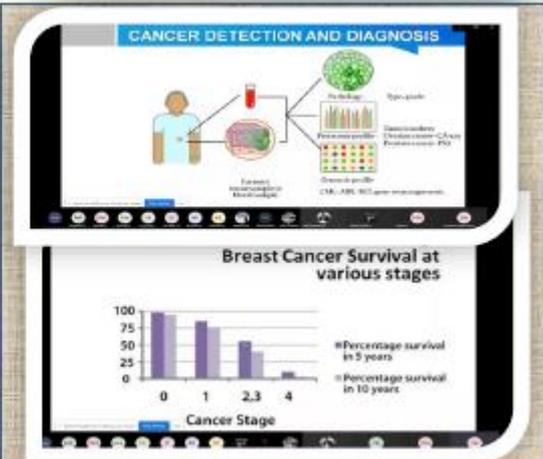
**Co-curricular & Extra-Curricular activities/contests to imbibe self-confidence
among students**

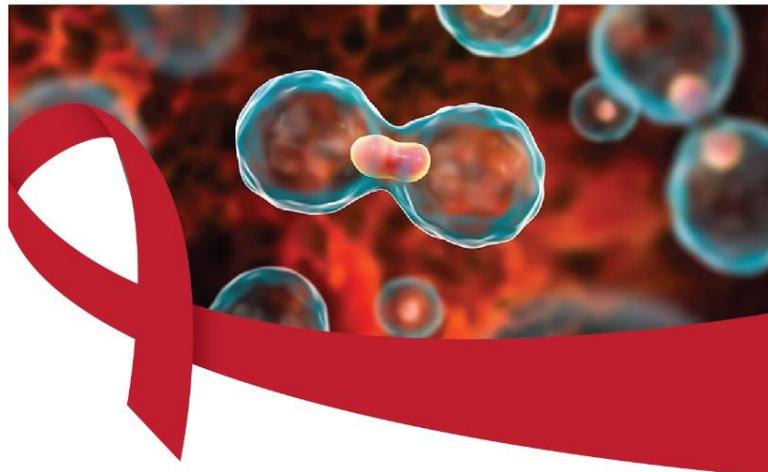
Department of Electrical and Electronics Engineering

Activities Details

National Cancer Awareness Day

The objective of the webinar was to generate awareness about early detection and avoid Cancer causing lifestyles. National Cancer Awareness Day is observed on 7th November on the birth anniversary of eminent scientist Madame Curie. Marie Curie is remembered for the discovery of radium and polonium and gets huge contribution to the fight against cancer. Her work led to the development of nuclear energy and radiotherapy for the treatment of cancer.





The Department of Electrical and Electronics Engineering is organizing a Webinar on

National Cancer Awareness Day

07th November, 2020 at 12:00 PM IST

SPEAKER

Dr. Chaitra Katakol

MD Radiotherapy
Consultant Radiation Oncologist
ClearMedi Radiant Hospital

Convener

Mrs. Pooja M
Assistant Professor,
Dept. of EEE, ATMECE

Organizing Chairman

Dr. Parthasarathy L
HOD, Dept. of EEE,
ATMECE, Mysuru

Faculty Coordinators

Ms. Swapna H
Assistant Professor
Dept. of EEE, ATMECE

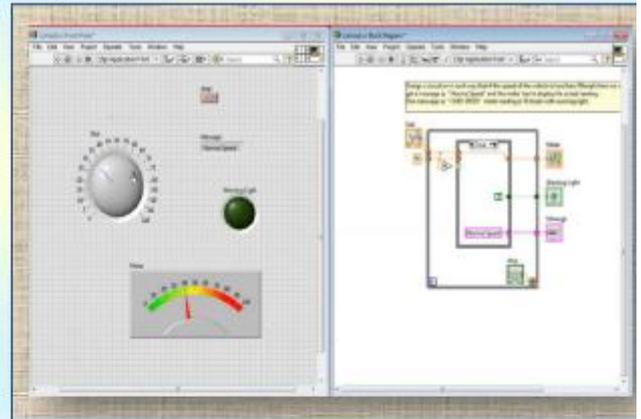
For any queries contact: 7019007641

Join the webinar through: MS TEAMS
No Registration fee | Joining Link: <https://shorturlat/GMNo4>

Department of Electrical and Electronics Engineering

Workshop on Tool usage -LabView

The department of Electrical & Electronics Engineering, ATME College of Engineering, Mysuru had organized a Three day Workshop on "LabView" for the 2nd year of Electrical and Electronics Engineering on 21st December 2020 to 23rd December 2020 through Online Platform. The event was organized to make the students to learn the modern tool usage and to simulate the Electrical & Electronics Circuits by using the modern tool LabView.



Online Quiz Competition on "World Science Day for Peace and Development"

The Department of Electrical & Electronics, ATME College of Engineering, Mysuru had organised "E-Quiz Competition on World Science Day for Peace and Development" on 31st Dec 2020 through online platform. The event was organised with objectives to bring Awareness about the role of science in societal developments. The target participants were Engineering students of all the discipline. More than 150 students across various colleges have took part in the event. All the participants are provided with participation e-certificates and the Highest scorers are provided with Merit certificate.




Dr. PARTHASARATHY L.
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ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Social Outreach Activities

COVID-19 Response Team

Faculty Representative



Mr Praveen Kumar M
Assistant Professor

Student Representative



Pavan M
4AD18EE405

The students of Department of Electrical and Electronics Engineering, has served as volunteers and instructed about COVID-19 protocol, during the pandemic in conducting SSLC Examination at Mahajana's High School, Jayalaxmipuram, Mysuru



Pavan Raj- 4AD19EE418



Srikanta Sharma M S- 4AD19EE424




Dr. PARTHASARATHY L.
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ATME College of Engineering, Mysuru

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Fig:NSS Volunteers


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Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



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Group Assignment activity



Department of Electrical and Electronics Engineering

Teams are formed and group assignment activity were introduced to students for participatory learning. Group Activity Assignment Shared with students through MS Teams

The screenshot displays two Microsoft Teams channels. The top channel, 'ATMECE_EEE_21-22_7th_Se...', contains a list of documents:

Name	Modified	Modified By
WORK SUBMISSION	June 24	Dr. SATHISH K R
6th sem BL list.pdf	June 23	SWAPNA H
CS_18EE61_Question Bank.pdf	June 23	SWAPNA H
PSA1_QUESTION BANK_Module-1&3.pdf	June 23	SWAPNA H
Question Bank DSP_Module-1.pdf	June 23	SWAPNA H
Question Bank DSP_Module-2.pdf	June 23	SWAPNA H

The bottom channel, 'ATMECE_EEE_21-22_5th_Se...', contains a list of documents:

Name	Modified	Modified By
18EE42_PGE_Question Bank_Module-1&2 (...)	June 16	Dr. SATHISH K R
18EE43_T&D_Module 1&4 Questions Bank....	June 16	Dr. SATHISH K R
18EE44_EM_QUESTION BANK_M1&M2.pdf	June 16	Dr. SATHISH K R
18EE44_MODULE -1_4AD20EE411_MANOJ ...	June 24	Manoj Kumara S
18EE45_EFT-Module 01.pdf	June 16	Dr. SATHISH K R
18EE45_EFT-Module 03.pdf	June 16	Dr. SATHISH K R
18EE46_OLIC_Question Bank_M1&M2.pdf	June 16	Dr. SATHISH K R
18MAT41_Question Bank_M1&M2.pdf	June 16	Dr. SATHISH K R

Dr. Parthasarathy L.
Dr. PARTHASARATHY L.
 Professor and HOD
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 ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

Sample Report

18EE44_MODULE -1_4AD20EE411_MANOJ KUMARA S.pdf

4AD20EE411 MANOJ KUMARA S (1)

QUESTION BANK ELECTRIC MOTORS 18EE44

MODULE I

16) What are the Limitations of speed control of a dc shunt motor by armature control method. Name and explain the method of overcoming these limitations.

Limitation of armature control method

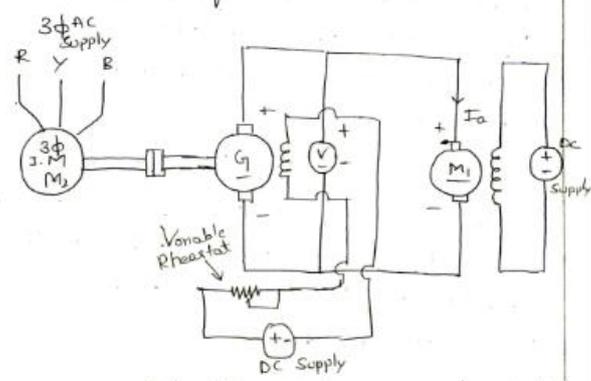
- (i) A large amount of power is wasted in the controller resistance since it carries full armature current I_a .
- (ii) The speed varies widely with load since the speed depends upon the voltage drop in the controller resistance and hence on the armature current demanded by the load.
- (iii) The output and efficiency of the motor are reduced.
- (iv) This method results in poor speed regulation.

18EE44_MODULE -1_4AD20EE411_MANOJ KUMARA S.pdf

MANOJ KUMARA S 4AD20EE411 (2)

v) The because of effect of armature reaction is greater on a weaker field.

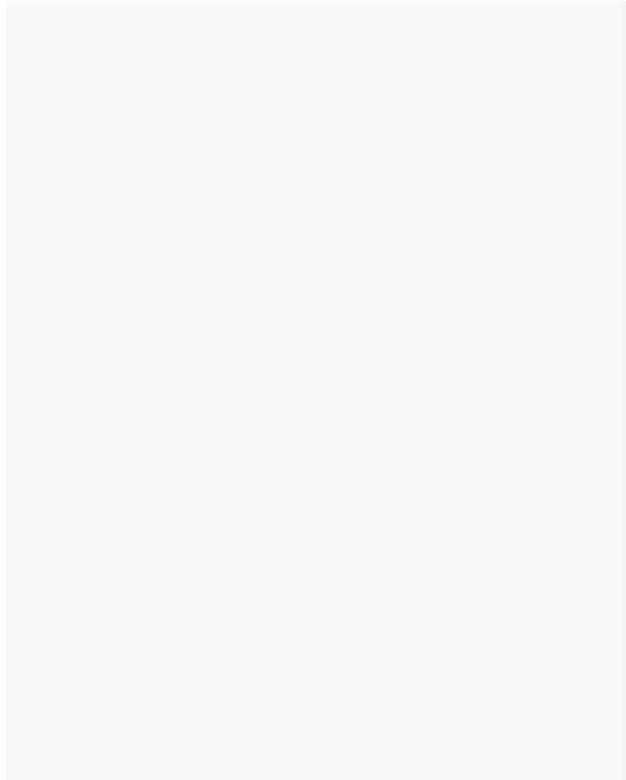
to overcome these limitations by word Leonard method of armature control method



*The basic adjustable voltage armature control method of speed control by means of an adjustable voltage generator is called word Leonard system.

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GROUP_4_DSP_MODULE_1.pdf



20/06/2021

SUB CODE : 18EE63	SEM : VI
SUBJECT : DIGITAL SIGNAL PROCESSING	
BLD-BL1 GROUP No. - 4	MODULE - 01

(Q1) [DEC/JAN 2020]

a) Find the 4 point DFT of $x(n) = (1, -2, 3, 4)$ and plot magnitude and phase response.

$$X(k) = \sum_{n=0}^{N-1} x(n) e^{-j2\pi nk/N}$$

$$= \sum_{n=0}^3 x(n) e^{-j\pi nk/2}$$

$$X(k) = x(0) + x(1) e^{-j\pi k/2} + x(2) e^{-j\pi k} + x(3) e^{-j3\pi k/2}$$

$$X(k) = 1 + (-2) e^{-j\pi k/2} + 3e^{-j\pi k} + 4e^{-j3\pi k/2}$$

Put $k=0$:

$$X(0) = 1 + (-2) + 3 + 4 = 6 //$$

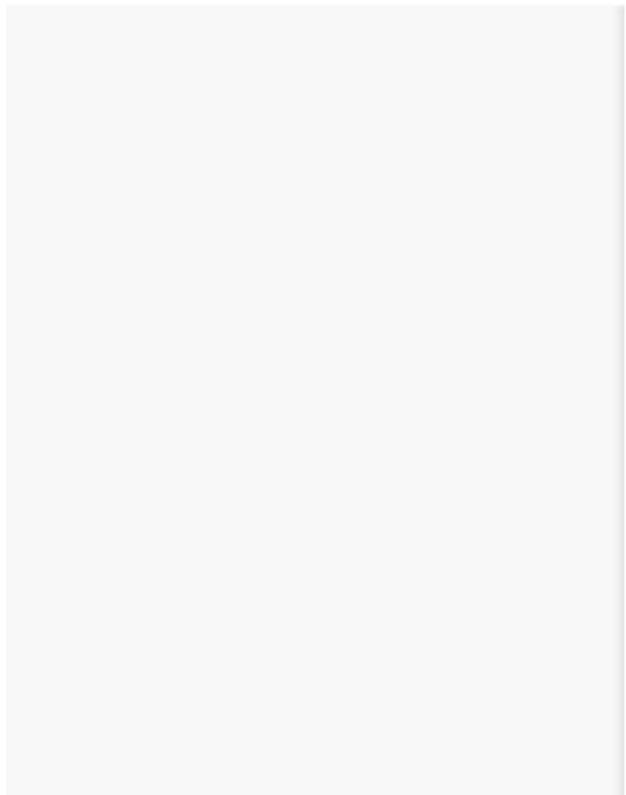
Put $k=1$:

$$X(1) = 1 + (-2) e^{-j\pi/2} + 3e^{-j\pi} + 4e^{-j3\pi/2}$$

$$= 1 - 2(-j) + 3(-1) + 4(j)$$

$$= -2 + 6j //$$

mod1_cs_assignment_grp1.pdf



① CONTROL SYSTEM
MODULE 1: ASSIGNMENT 1
Groups

① With the help of neat block diagram define open loop and closed loop control system.

→ open loop control system.

- * open loop system are those without feedback and the output has no effect on control action.

BLOCK DIAGRAM

```

    graph LR
      Input --> Controller[CONTROLLER]
      Controller -- "Actuating signal" --> Plant[PLANT]
      Plant --> Output
  
```

- * Domestic washing machine typical example of an open loop system.

→ closed loop control system

- * closed loop control system are those with feedback. in this case, the control action is dependent on the output.
- * in closed loop control system, the control action is measured by the feedback measuring



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Group Discussion Activity

Department of Electrical and Electronics Engineering

Participatory Learning

Students are exposed to participatory learning through Group Discussion Activity. Various activities Pre and Post pandemic is conducted.

Department of Electrical & Electronics Engineering

Activity Details AY 2019-20, AY 2020-21

Sl. NO	AY	Date	Activity Type	Name of Industry/organization/Topic/Name of the Expert	Semester	Organizer
1	2019-20	21/8/2019 to 30/8/2019	Pre Placement Training	Pre Placement Training for 7th Semester Students by Career Prime	7 th (72 Students)	TAP
2		28/8/2019	Seminar	Seminar Talk on "Japanese language and opportunity in Japan by Ms. Rama, Sakuraa Nihongo Resource Centre, Bangalore(SNRC) Bangalore	7 th (72 Students)	TAP
3		17/9/2019	Technical Talk	Technical Talk on 'Ergonomics and Man Machine Interface by Mr. Basavaraj of Knows Innovation and Mr. Gopalkrishna Holla of Xplore Mind company, Bangalore	7 th (72 Students)	TAP
4		18/9/2019	Seminar	Seminar "Japanese language learning and technical career Opportunities in Japan by Mr. Kousuke Noguchi San, Director of The Japan Foundation India, New Delhi	5 th & 7 th (54 Students + 72 Students)	TAP
5		15/10/2019	Technical Talk	Technical Talk on Microsoft Certification by Mr. Sandeep Jethani, Director and Mr. Manish, Marketing Head from ATS Learning Solution	3 rd & 5 th (58 Students + 54 Students)	TAP
6		15/10/2019	Technical Talk	Technical talk on Startup Engineering by Mr. Bhushan A Matad, Professor, MSRIIT	7 th (72 Students)	TAP
7	2020-21	12/10/2020 to 22/10/2020	Pre Placement Training	Online Pre Placement Training for final year students by Seventh Sense, AY 2020-21	7 th (54 Students)	TAP
8		27 th October 2020.	Seminar/webinar	one day Webinar on "Free Insight into Australia Admission Day" conducted by IDP Education India Pvt Ltd, in association with ATMECE Mysuru.	7 th (54 Students)	TAP
9		18- November-2020	Seminar/webinar	Online Webinar on "Data Science, Artificial Intelligence and Machine Learning" Conducted by iQuebets, Bengaluru.	All Semester	TAP
10		19- November-2020	Seminar/webinar	Online Webinar on "Softskill" Conducted by Mr. Hariharan V Smart Training Resources India Pvt ltd, Chennai	All Semester	TAP



Photo: Group Discussion Activity during preplacement training by Career Prime



Department of Electrical and Electronics Engineering

Problem-solving methods

1. Technical Seminar presentation on concurrent topics
2. Practical lab Sessions to get Hands-on experience
3. Additional Hour session for identified courses
4. Project Proposal Submission
5. Aptitude Verbal & Reasoning Training
6. Technical Quiz
7. Student Response System



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Department of Electrical and Electronics Engineering

Technical Seminar on concurrent topics



Department of Electrical and Electronics Engineering

To enhance problem solving ability Students are encouraged to select concurrent topics and present Technical Seminar referring IEEE/Springer Papers.

Topics list are offered to student. New topics can also be registered with seminar coordinator



List of Seminar Topics

SL. No.	Seminar Title
1	Plastics in Electrical & Electronic Applications
2	Smart grid technologies, recent initiatives, challenges, opportunities and applications.
3	Electronic control of diesel engine
4	Fuzzy logic for engine idle speed control
5	Noise reduction technologies in Electronic system.
6	An interleaved boost converter with zero voltage transition
7	Low voltage electronic ballast based on class-E oscillator
8	Sequential colour LED back light driving system for LCD panels
9	Properties of direct aluminium bonded substrates for power semiconductor components
10	High temperature embeded SiC chip module for power electronics applications
11	Zeta converter
12	T-source Inverter
13	Silicaon Carbide GTO Thyristor
14	Class-C power Amplifiers
15	Double fed Induction Generator
16	Wide area measurement systems
17	Reactive power management in Islanded microgrid
18	Hybrid wind-wave energy converter system
19	Sub-synchronous resonance
20	Small signal stability
21	Power system restructuring and deregulation
22	Load scheduling and load shedding
23	Power system applications of ANN
24	Neonatal Infant monitoring device
25	DFT and FFT applications in power systems
26	Piezoelectric effect and its applications
27	Power theft detection
28	Grid connected PV system
29	Reasearch and development on digital distribution network
30	Power system backup protection in smartgrid using synchronised PMU
31	Study of the eye image processing for the determination of drivers fatigue
32	Intelligent environment management system for controlled Horticulure
33	Smart microneedle sensing system for security in agriculture, food and the environment (SAFE)
34	Development constant power systemfor HHO cell operations to reduce fuel consumption
35	Skin line biosensor for invasive blood glucose monitoring
36	Creativity and artificial intelligence
37	Biosensor development for detection of cancer biomarkers
38	PACS-Picture Archiving and Communication Systems

Department of Electrical and Electronics Engineering

39	Nanomaterial based biosensors for antibiotics detection
40	Power factor correction buck-boost converter fed BLDC motor drive
41	Buck-Boost converter fed motor drive for solar PV array based water pumping
42	A step-up resonant converter for grid connected renewable energy sources
43	Solar assisted improved efficiency induction motor electric vehicle drive with soft phase conversion
44	Transformerless grid tie photovoltaic inverter
45	Battery energy storage for enabling integration of distributed solar power generation
46	Stator insulation syste evaluation and improvement for medium voltage adjustable sppeed drive applications
47	Direct torque control of Induction motor drive with flux optimization
48	Modelling and non-linear control of electric power stage in Hybrid electric vehicle
49	Design and analysis of a dual input DC-DC converter for Hybrid electric vehicle
50	Eddy current brakes
51	Electric Powerline Networking For A Smart Home
52	Electrical Impedance Tomography
53	Electro Dynamic Tether
54	Flexible Ship Electric Power System Design
55	Hy-Wire
56	Illumination with Solid State lighting
57	Intelligent Management Of Electrical Systems in Industries
58	Isoloop Magnetic Couplers
59	Local Multipoint Distribution Service
60	Low - k Dielectrics
61	Mesh Radio
62	MicroGrid
63	Nuclear Batteries
64	Optical Technology in Current Measurement
65	PEA Space Charge Measurement System
66	Pebble-Bed Reactor
67	Robotic control Using Fuzzy Logic
68	Robotic Monitoring of Power Systems
69	Surge current protection using superconductors
70	Robotic Monitoring of Power Systems
71	The Universal Current Sensor
72	Thermomechanical Data Storage
73	Ultraconductors
74	Iontophoresis
75	Hydrogen Super Highway
76	Border Security Using Wireless Integrated Network Sensors
77	Adaptive optics
78	Circuit Breaker Maintenance by Mobile Agent Software Technology
79	Digital Testing of High Voltage Circuit Breaker
80	Boiler Instrumentation and Controls
81	IsoLoop magnetic couplers
82	Cruise Control Devices

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83	Iris Scanning
84	Infinite Dimensional Vector Space
85	Computer Aided Process Planning
86	AC Performance Of Nanoelectronics
87	Aluminum Electrolytic Capacitors
88	AI for Speech Recognition
89	Automatic Teller Machine
90	Automatic Number Plate Recognition
91	An ATM With An Eye
92	Autonomous Underwater Vehicle
93	Adaptive Blind Noise Suppression in some Speech Processing Applications
94	Bio Battery
95	Bio-Molecular Computing
96	Analog-Digital Hybrid Modulation
97	BiCMOS technology
98	Molecular Electronics
99	Animatronics
100	Bioinformatics
101	Asynchronous Transfer Mode
102	A BASIC TOUCH-SENSOR SCREEN SYSTEM
103	Integrated Power Electronics Module
104	High-availability power systems
105	Moletronics- an invisible technology
106	Nanotechnology
107	Nanorobotics
108	Modern Irrigation System Towards Fuzzy
109	Integer Fast Fourier Transform
110	Integrated Voice & Data
111	Internet Protocol Television
112	Introduction to the Internet Protocols
113	Humanoids Robotics
114	Modems and ISDN
115	Multisensor Fusion and Integration
116	Narrow Band & Broad Band ISDN
117	Ultrasonic Motor
118	Integration of Distribute Generation
119	Microgrid Technology
120	HVDC transmission overview
121	Power theft identification, detection and method of control

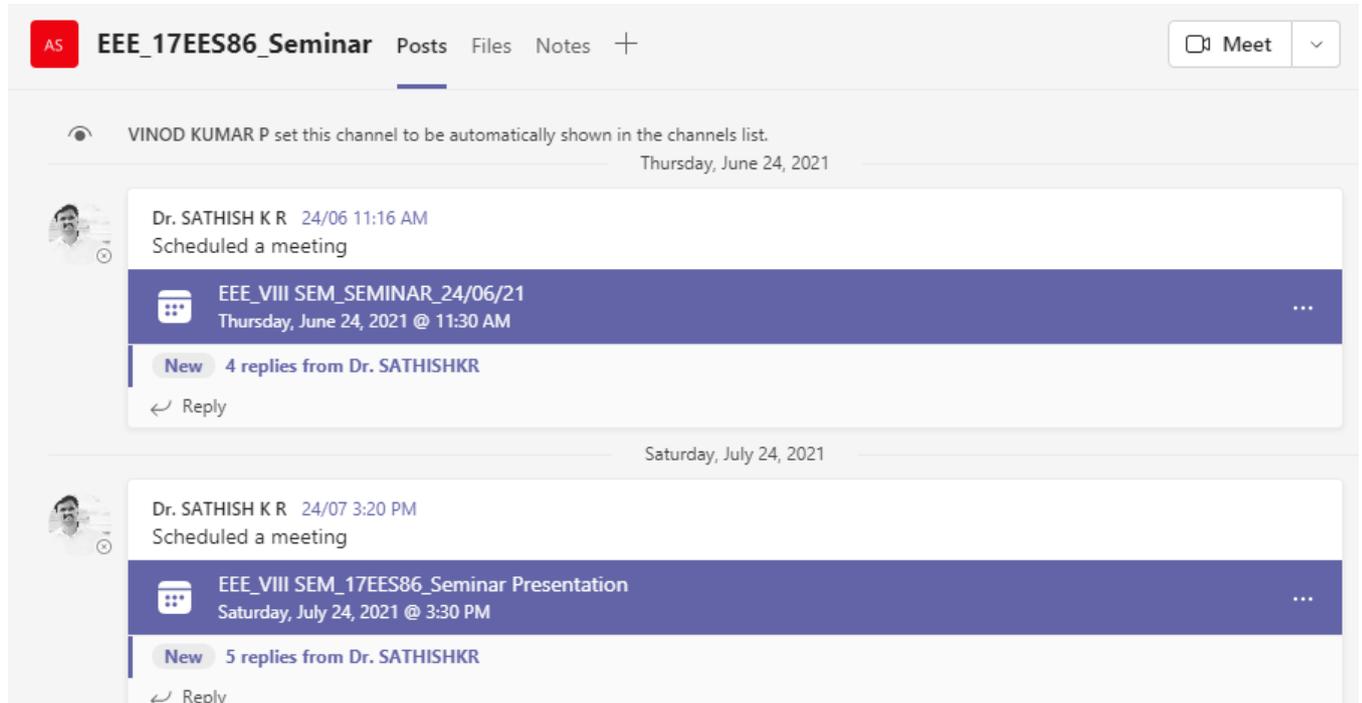


HoD
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Evaluation in MS Teams

AY:2020-2021



AS EEE_17EES86_Seminar Posts Files Notes + Meet

VINOD KUMAR P set this channel to be automatically shown in the channels list. Thursday, June 24, 2021

Dr. SATHISH K R 24/06 11:16 AM
Scheduled a meeting

EEE_VIII SEM_SEMINAR_24/06/21
Thursday, June 24, 2021 @ 11:30 AM

New 4 replies from Dr. SATHISHKR
Reply

Saturday, July 24, 2021

Dr. SATHISH K R 24/07 3:20 PM
Scheduled a meeting

EEE_VIII SEM_17EES86_Seminar Presentation
Saturday, July 24, 2021 @ 3:30 PM

New 5 replies from Dr. SATHISHKR
Reply

Sample session screenshot



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NBA ACCREDITED

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“NEONATAL INFANT MONITORING DEVICE”

Final year seminar presentation

Under the Guidance of :
Mr. Shreeshayana R,
Assistant Professor
Electrical and Electronics Engineering
ATMECE

Presented by :
Simrah Fathima - 4AD17EE034

24-03-2021
Department of Electrical and Electronics Engineering
ATMECE, Mysuru
1



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MEMS Applications in Accelerometer

Final Year seminar presentation

By,

MOHAMMED HUZAIF

4AD17EE022

Under the Guidance of

Mr. SHREESHAYANA R, M.Tech

Assistant Professor,

Department of Electrical & Electronics Engineering, ATMECE, Mysuru

27 March 2021

Department of Electrical and Electronics Engineering,
ATMECE, Mysuru

1


Dr. PARTHASARATHY L.
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Virtual Practical lab Sessions

Department of Electrical and Electronics Engineering

To enhance the problem solving skills, Laboratory session correlating theoretical courses are offered. Every experiment Objective & outcome of the experiment has to be written by the student.

Example:

Microcontroller Laboratory

Sample Experiment

Every experiment Code tracing of programs is conducted

1.Data Transfer – Block move, Exchange, Sorting, Finding largest element in an Array

Program no 1: Data Transfer - Block move, Exchange

Objective: Write an ALP to transfer the block of data from source memory to destination memory

Software: Keil μ Vision 3

Aim: To transfer 8 bytes of data from external memory location starting from 8100h to external memory location starting from 8200h

```
MOV R0, #08H      ; initialize the count
                   ;
                   MOV R1, #81H      ; initialize the source memory location higher byte
                   MOV R2, #82H      ; initialize the destination memory location higher byte
                   MOV R3, #00H      ; initialize the destn& source location lower byte
BACK:             MOV DPH, R1         ; get the source memory location address to DPTR
                   MOV DPL, R3
                   MOVX A, @DPTR     ; get the data from source memory to Accumulator
                   MOV DPH, R2       ; get the destination memory location address to DPTR
                   MOVX @DPTR, A     ; copy the accumulator content to destination memory
                   INC R3             ; increment to next source and destination memory
                   DJNZ R0, BACK      ; decrement count. If count! =0 go to label "BACK"
                   SJMP $
                   END
```


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Outcome:

Address	Data	Address	Data
0x8100	0x12	0x8200	0x12
0x8101	0x24	0x8201	0x24
0x8102	0x56	0x8202	0x56
0x8103	0xFF	0x8203	0xFF
0x8104	0xEE	0x8204	0xEE
0x8105	0xAB	0x8205	0xAB
0x8106	0x10	0x8206	0x10
0x8107	0x03	0x8207	0x03
Before exec		After Exe	

At the end of the program

1. Students will be able to program for data movement

Result: At the end of the Program execution, block of data is transferred from source memory to destination memory

11. Alphanumeric LCD Interface

Alphanumeric LCD panel and Hex keypad input interface to 8051

Aim: Write a 8051 C Program to send 'A', 'T', 'M', 'E', ' ', 'M', 'Y', 'S', 'O', 'R', 'E', to LCD display.

Objective: To write C program for LCD interfacing

Components: AT89C51ED2 Development board, LCD panel interface, RS 232 Cable, DC

Power Supply: +5V

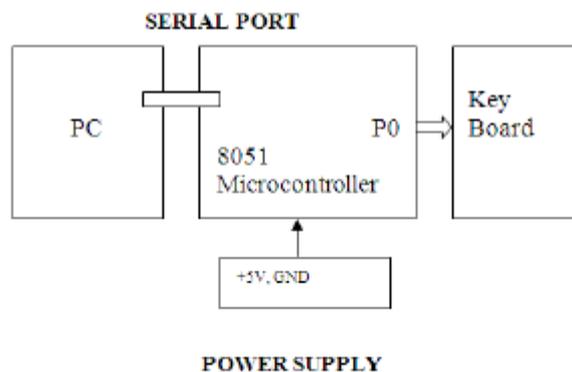


Fig 1.6.: Block diagram LCD and Keypad interface


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Program

```
#include <at89c51xd2.h>
sfr ldata = 0x80;
sbit rs=P2^4;
sbit rw=P2^5;
sbit en=P2^6;

void lcddata(unsigned char value);
void lcdcmd(unsigned char value);
void MSDelay(unsigned int itime);
void main()
{
    lcdcmd(0x38);      5X7  matrix
    MSDelay(250);
    lcdcmd(0x0e);     Display on, cursor blinking
    MSDelay(250);
    lcdcmd(0x01);     Clear display screen
    MSDelay(250);
    lcdcmd(0x06);     Increment cursor (shift cursor to right)
```

Outcome:

The above exercise shall make the students competent in using LCD for various applications.

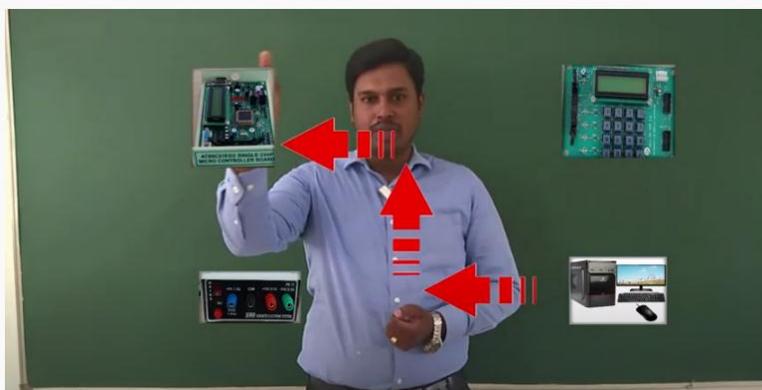
Result

At the end of the execution, C program is written for LCD interfacing and the Characters are observed.

Hobby Project circuit:

<https://www.electronicshub.org/interfacing-16x2-lcd-with-pic-microcontroller/>
<https://www.electronicshub.org/interfacing-16x2-lcd-avr-microcontroller/>

Explanatory Videos are provided



Department of Electrical and Electronics Engineering

Students are encouraged to submit assignments to improve problem solving skills

Visvesvaraya Technological University Belagavi, Karnataka-590 018



An idea Proposal Report
On

“Electronic Speaking Glove for Speechless Patients”

Submitted by

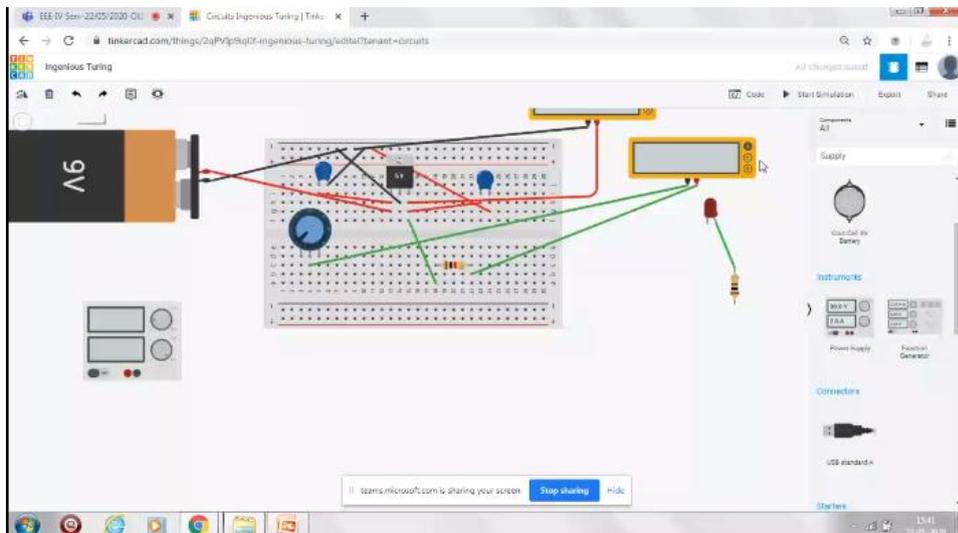
YASEEN ULLA KHAN 4AD18EE030
VENKATARAMU H D 4AD19EE427

Submitted to
Mr. Shreeshayana R, M.Tech
Assistant Professor



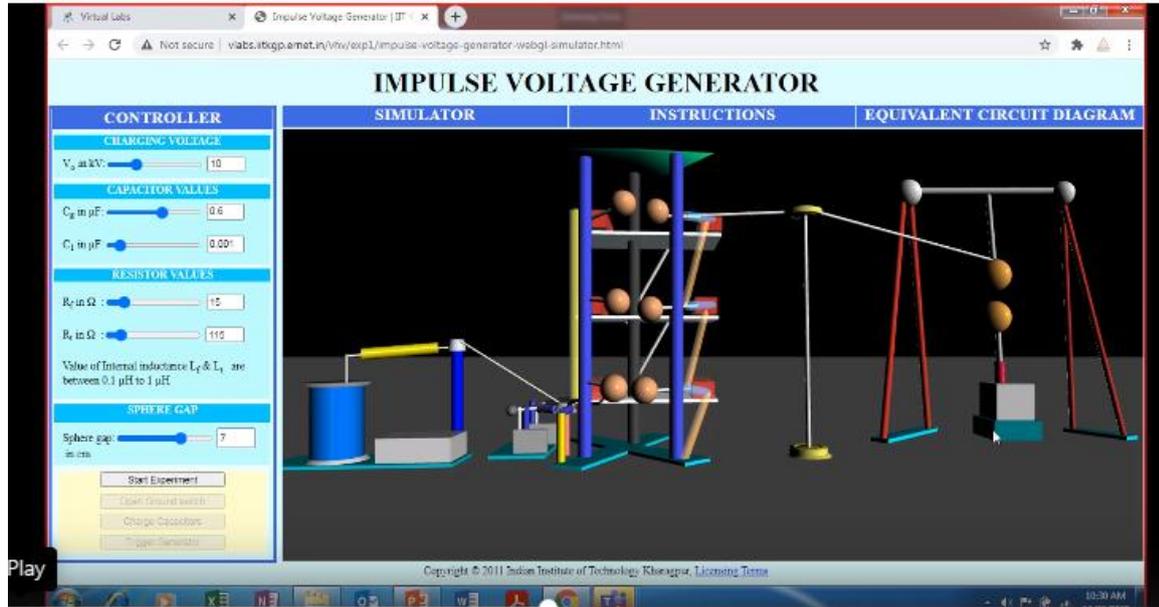
Virtual Lab Experiment using simulation tools are conducted:

OLIC Lab:Tinked CAD



Department of Electrical and Electronics Engineering

VIRTUAL Lab: Relay and HV Lab



Students are assigned different case studies work to submit report

To Measure the Dielectric Strength of Transformer Oil

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI



RELAY AND HIGH VOLTAGE VIRTUAL LAB

"To Measure the Dielectric Strength of Transformer Oil"

Submitted by

HASEEBULLA BAIG
(4AD17EE013)

MOHAMMED HUZAFI
(4AD17EE022)

SIMRAH FATHIMA
(4AD17EE034)

SYED RAWOOFUR RAHMAN
(4AD17EE038)

Mr. Shreeshayana R, M.Tech
Assistant Professor, Department of EEE, ATMECE, Mysuru



Department of Electrical and Electronics Engineering
ATME COLLEGE OF ENGINEERING
13 KM STONE, MYSURU KANAKAPURA BENGALURU ROAD, MYSURU-570028

Objective:

To determine the dielectric strength of the given transformer oil.

Components required:



Fig.1: Portable oil testing set



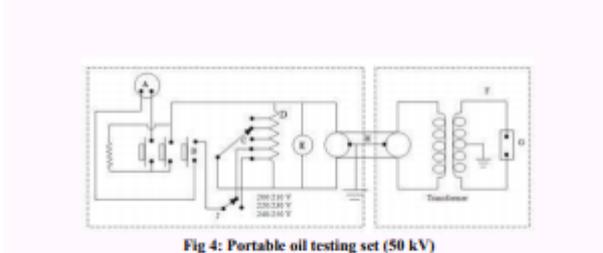
Fig 2: HV transformer



Fig.3: Gap setting gauge

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Connection diagram:



- A- Socket for Supply loads
- B- Push
- C- Multiple Point Control
- D- Auto Transformer
- E- Voltmeter
- F- Step up Transformer
- G- Test Cell
- H- Inter Connecting Cable
- I- Supply Voltage Selector Switch

2. The control unit is connected to supply voltage taking care that the earth connections are effective.
3. The multiple point control switch is set at its lowest tapping.
4. The push button on control unit is pressed firmly for at least 5 seconds. Note that no Breakdown to occurs, in which case button should be released at once without delay. Break down is indicated by a continuous discharge across the gap, bubbling of oil in the cell and meter indicating a sudden voltage drop.

Observations:

Sl no.	Breakdown voltage
1.	31.5
2.	30.3
3.	28.6
4.	31.5
5.	29.4

Simulation:

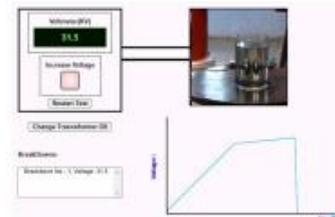
Trial 1:

Theory:

The two unit portable testing set is designed for the periodical testing of samples of insulating oils drawn from plant on site and for checking the dielectric strength of new samples of oil. The equipment is designed to operate from 200/250V, 50Hz, Single phase AC supply. Test gap voltage up to 50kV, it consists of two units, one is containing the testing transformer and other control and metering equipments. These equipments are kept in a metal box to provide full protection to the apparatus during transport and storage. The gap is adjusted between electrodes in accordance with British Standard Specification (BSS) no. 148.

Procedure:

1. Place the High Voltage transformer unit about 7 away from the control unit.




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Project Proposal Submission

Department of Electrical and Electronics Engineering

To solve real world problems, students are encouraged to submit project proposals under Various Govt./Non Govt. funding agencies.

Funding by Karnataka State Council for Science and Technology (KSCST)

KSCST-List of projects selected under 44th Series of Student Project Program for the year 2020-21

SL. No.	Ref Code	Title	Name of the Students	Project Guide(s)
1	44S_BE_2143	Smart Hydroponics Based Vegetable Cultivation	Mr. Kiran Kumar G Mr. Rohith D Mr. Rakshith K N	Mr. Vinod Kumar P Mr. Shreeshayana R
2	44S_BE_2158	Smart Robot for Library Management System (SRLMS)	Ms. Arpitha R Ms. Priyanka PD Mr. Manoj KN Mr. Mohammed Shah Faisal MP	Mr. Vinod Kumar P Dr. Parthasarathy L
3	44S_BE_3603	Smart Personal Protective Equipment for Healthcare Workers to Combat Covid-19	Ms. Simrah Fathima Mr. Haseebulla Baig Mr. Mohammed Huzaif Mr. Syed Rawoofur Rahman	Mr. Shreeshayana R

AY:2020-2021

BEST PERFORMING COLLEGE OF THE YEAR AWARD :

B.L.D.E.A'S VACHANA PITAMAHA DR. P. G. HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

"BEST PROJECTS OF THE YEAR AWARD"

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1.	44S_BE_1386	PILLBOT: A NONCONTACT MEDICINE DISPENSING ROBOT FOR PATIENTS IN QUARANTINE	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	BIOMEDICAL ENGINEERING	B.E.	Prof. NANDITHA KRISHNA	Ms. SHEETAL RAMESH Ms. R NAVYA SREE Ms. RAJESHWARI SAJITH Mr. S KOSAL RAMJI
2.	44S_BE_0024	MECHANICAL POCKET MANURING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	MECHANICAL ENGINEERING	B.E.	Dr. VIGNESHA NAYAK	Mr. SHAILESH V AITHAL Mr. RAHUL. P. SUVARNA Mr. VIKAS. P Mr. BHUVANESH. R. MALLYA
3.	44S_BE_0026	AUTOMATIC SOLAR POWERED RAILWAY TRACK CRACK DETECTING VEHICLE.	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	MECHANICAL ENGINEERING	B.E.	DR. SREEJITH B K	Mr. LIKITH S AMIN Mr. JACOB ANTONY Mr. JATIN KUCKIAN Ms. NEHA S JAIN
4.	44S_BE_3603	SMART PERSONAL PROTECTIVE EQUIPMENT FOR HEALTHCARE WORKERS TO COMBAT COVID-19	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. SHREESHAYANA R	Ms. SIMRAH FATHIMA Mr. HASEEBULLA BAIG Mr. MOHAMMED HUZAIF Mr. SYED RAWOOFUR RAHMAN
5.	44S_BE_2657	MOPSO BASED CNN FOR KEYWORD SELECTION ON GOOGLE ADS	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mrs. ANJALI BV	Ms. PRANAMIYA KASHYAP MP Ms. NISHA K GOWDA Ms. NITHYASHREE B L Ms. NOORUL HUDA

Department of Electrical and Electronics Engineering

Best Project of the Year Award: 2020-2021 under Karnataka State Council for Science and Technology

Best Project Award Winners



Ms. Simrah Fathima



Mr. Mohammed Huzaif



Mr. Syed Rawoof Ur Rahaman



Mr. Hasebulla Baig


Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



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Department of Electrical and Electronics Engineering

Aptitude Verbal & Reasoning Training

Department of Electrical and Electronics Engineering

The training is imparted for the students of ATMECE, Mysuru with the following Objectives. Aptitude is essential to assess analytical and problem solving skills in a student. Verbal and logical reasoning helps to assess ability to reason using concepts wrapped in words. It verifies level of understanding and comprehension, as well as dexterity when it comes to filtering out key information from a bulk of text.

Objectives:

1. To enhance the analytical skills in students and pace of problem solving.
2. To train and impart knowledge as per industry requirements
3. To improve assertive, logical thinking skills in students

Course Description

Course Description

SL.No.	Course	Course Code	Semester	Teaching Hours/Semester	Assessment Hours/Semester	Total Hours/Semester
1	Aptitude Verbal & Logical Reasoning-I	ATME_AVR_01	III	12	4	16
2	Aptitude Verbal & Logical Reasoning-II	ATME_AVR_02	IV	12	4	16
3	Aptitude Verbal & Logical Reasoning-III	ATME_AVR_03	V	12	4	16
4	Aptitude Verbal & Logical Reasoning-IV	ATME_AVR_04	VI	12	4	16



Semester	Topics
III	Operation on Numbers ,HCF & LCM, Problems on Numbers, Number Series, Sequence & Pattern Completion, Coding and Decoding
IV	Simple Interest and Compound Interest ,Percentages, Profit & Loss, Ratio and Proportion, Syllogism, Seating Arrangements, Reading Comprehension, Idioms and Phrases
V	Calenders, Time and Distance, Data Interpretation, Permutation & Combination, Probability, Clocks, Blood relations, Single Blanks
VI	Problems on Trains, Boats and Streams, Data sufficiency, Chain rule, Problems on Ages, Double blanks, Synonyms & Antonyms, Active and Passive Voice



Mr. Shreeshayana R
AVR Training Coordinator ,
Dept. of EEE, ATMECE, Mysuru

Department of Electrical and Electronics Engineering

Academic Year: 2019-20					
Course Code	Course Title	Prerequisite	Contact Hours/Week		Number of Hours/Semester
			L	A	
ATME_AVR_01	Aptitude, Verbal and Logical Reasoning-I	<ul style="list-style-type: none"> Basic Mathematics English Fundamentals 	3	1	L-Lecture A-Assessment 4 x 4 = 16 Hours/Semester
Objectives	<ol style="list-style-type: none"> To understand numbers systems and numbers series To Explain different methods of HCF and LCM To understand Pattern from figures, sequence coding and decoding To explain General English and its parts of speech 				
Course Outcomes	At the end of the course the student will be able to: <ol style="list-style-type: none"> Analyse and solve numbers systems , numbers series and sequence Analyse and enhance pace of problem solving. Explain the general English vocabulary 				

Academic Year: 2019-2020					
Course Code	Course Title	Prerequisite	Contact Hours/Week		Number of Hours/Semester
			L	A	
ATME_AVR_03	Aptitude, Verbal and Logical Reasoning-III	<ol style="list-style-type: none"> Basic Mathematics English Fundamentals Aptitude, Verbal and Logical Reasoning-I, II 	3	1	L-Lecture A-Assessment 4 x 4 = 16 Hours/Semester
Objectives	<ol style="list-style-type: none"> To understand the concept of ordinary versus leap year. To understand Speed, time and distance calculations. To understand the concept of probability and clocks To interpret blood relation, choosing appropriate words in blank sentences. 				
Course Outcomes	At the end of the course the student will be able to: <ol style="list-style-type: none"> Analyse and solve different data analysis problems for time and distance. Interpret data analysis for a case study and illustrate suitable probability and outcome for a given scenario/problem. Analyse and interpret blood relation examples. 				



Mr. Shreeshayana R
AVR Training Coordinator ,
Dept. of EEE, ATMECE, Mysuru

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Outcome: Aptitude Verbal & Reasoning Training: AVR Test Report

Department of Electrical and Electronics Engineering																								
Date Created	Active Participants	Total Participants																						
9/19/2019 4:13:36 PM	28	28																						
Average Score	Questions																							
79.29%	20																							
Course	AVR_01																							
Aptitude Verbal Reasoning Module 1																								
USN	STUDENT NAME	Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Total Points	Score
Answer Key			D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	B	C	D	B	40.00	100.00%
4AD18EE006	CHANDAN M N	E2BF62	D	D	B	A	B	B	C	A	B	A	D	A	D	D	A	B	B	C	D	C	28.00	70.00%
4AD18EE009	DEEKSHITHA V	E2BFBF	D	D	A	A	B	C	C	A	D	A	A	C	D	A	B	A	C	C	B		32.00	80.00%
4AD18EE030	YASEEN ULLA KHAN	E2C023	D	D	A	A	B	C	C	A	D	C	C	A	C	D	A	B	B	C	D	B	38.00	95.00%
4AD18EE028	VINOD H V	E36648	D	D	A	A	B	C	C	A	D	C	C	A	C	D	A	B	A	C	C	B	34.00	85.00%
4AD18EE010	GAGANA S	E2BF5B	D	D	A	A	A	C	C	A	D	C	A	A	D	D	A	B	A	C	C	B	30.00	75.00%
4AD18EE027	SYEDA FAIZA	E3486C	D	D	B	A	A	C	C	A	D	A	D	A	C	D	A	B	C	C	C	B	30.00	75.00%
4AD18EE012	KAVERI K	E2BAAB	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	C	B	36.00	90.00%
4AD18EE014	LANKESH H D	E34858	D	D	B	A	B	C	C	B	B	A	D	A	D	D	A	B	B	C	D	B	30.00	75.00%
4AD18EE004	ANUSHA N K	E2D419	D	D	A	A	A	C	C	A	D	C	A	A	D	D	A	B	A	C	C	B	30.00	75.00%
4AD18EE020	NAYANA K S	E36610	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	C	B	36.00	90.00%
4AD18EE016	MANJUNATHA KB	E2BFF3	D	D	B	A	A	C	C	D	B	D	D	A	D	D	A	B	C	C	D	B	26.00	65.00%
4AD18EE019	MOHAMED SUHAIL	E347E6	D	D	A	A	B	C	C	A	D	C	C	A	C	D	A	B	B	C	D	B	38.00	95.00%
4AD17EE024	MONIKA P	E2B8CF	D	D	A	A	B	C	C	A	D	A	A	A	D	A	A	B	C	C	B	C	26.00	65.00%
4AD18EE026	SASHIKUMAR V	E2BF99	D	D	B	A	A	C	C	A	D	A	A	A	D	D	A	B	B	B	D	D	26.00	65.00%
4AD18EE007	DAMINI DORA K P	E2BF75	D	D	A	A	B	C	C	A	D	C	A	A	B	D	A	B	C	C	B	B	32.00	80.00%
4AD18EE015	MADHU GOWDA H K	E2C000	D	D	B	A	A	C	C	B	B	C	A	A	D	D	A	B	B	C	D	B	28.00	70.00%
4AD18EE024	RADHIKA M S	E2BB2F	D	D	A	A	A	C	C	A	D	A	D	A	C	D	A	B	C	C	C	B	32.00	80.00%

4AD18EE003	AISHWARYA M	E2BF25	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	D	B	38.00	95.00%
4AD18EE001	ABDUL BASEER KHA	E365F0	D	D	B	A	B	C	C	B	B	C	A	A	C	D	A	B	C	C	D	B	30.00	75.00%
4AD18EE022	PRAVEEN GOWDA S H	E2C042	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	C	A	34.00	85.00%
4AD18EE002	ADITHYA K S	E2BFD7	D	D	A	A	B	B	C	A	D	A	C	A	C	D	A	B	B	C	C	B	32.00	80.00%
4AD18EE023	PREETHU N	E2BAF8	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	D	B	38.00	95.00%
4AD18EE013	LAKSHMI A A	E3486D	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	C	B	36.00	90.00%
4AD17EE010	FAWAZ AHMED	E3664B	D	D	B	A	B	C	C	D	B	C	B	A	C	D	A	B	C	D	D	C	26.00	65.00%
4AD18EE005	CHANDAN KUMAR C	E3663D	D	D	B	A	B	C	C	A	D	A	A	A	D	D	A	B	B	B	C	B	28.00	70.00%
4AD18EE021	POOJA BAI	E347D6	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	C	C	D	B	38.00	95.00%
4AD18EE011	JEEVITH U	E347F1	D	D	B	A	B	D	C	D	B	D	D	A	D	D	A	B	C	C	D	B	26.00	65.00%
4AD18EE029	VIVEK S	E2BB34	D	D	B	A	B	C	C	A	B	A	A	A	C	C	A	B	B	C	D	B	30.00	75.00%
Course Averages			100.00%	100.00%	60.71%	100.00%	75.00%	89.29%	100.00%	78.57%	71.43%	57.14%	46.43%	100.00%	60.71%	92.86%	100.00%	100.00%	32.14%	89.29%	50.00%	82.14%	31.71	79.29%



Mr. Shreeshayana R
AVR Training Coordinator,
Dept. of EEE, ATMECE, Mysuru

Department of Electrical and Electronics Engineering



Fig: Training Process



Mr. Shreeshayana R
AVR Training Coordinator ,
Dept. of EEE, ATMECE, Mysuru



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ISO 9001:2015



Department of EEE
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Department of Electrical and Electronics Engineering

Technical Quiz

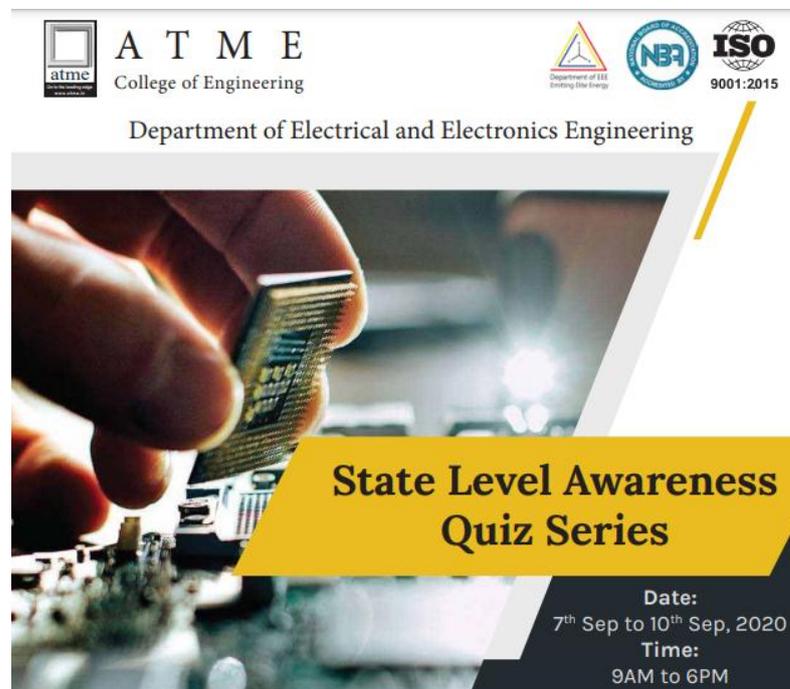
Department of Electrical and Electronics Engineering

The Department organises Technical Quiz event with objectives to enhance the technical skills of Students in the field of Electrical & Electronics Engineering and to improve the analytical, logical and problem-solving skills in students.

State Level Technical Quiz

The Quiz Series covered questions from Engineering courses on Basic Electrical Engineering, Transformers, Electrical Machines, Electrical & Electronics Circuits, Digital System Design, Electrical & Electronics Engineering. Students had to score a minimum of 50% marks to obtain E-Certificate in the respective Course. The top five scoring students will be awarded with Course Merit certificate. About 350 students from different regions of Karnataka registered and participated in the event.

Website Link: <http://atme.in/notice/state-level-awareness-quiz-series/>



The poster features the ATME College of Engineering logo and accreditation logos (NBA, UKAS, ISO 9001:2015, A.J.A.) at the top. The main image shows a hand holding a microchip over a circuit board. The text on the poster reads: "State Level Awareness Quiz Series", "Date: 7th Sep to 10th Sep, 2020", and "Time: 9AM to 6PM".

Press Report Link: <https://starofmysore.com/state-level-technical-awareness-quiz-held/>



Department of Electrical and Electronics Engineering

STAR OF MYSORE

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News

State-Level Technical Awareness Quiz Held

September 15, 2020

Mysore/Mysuru: The Department of Electrical & Electronics, ATME College of Engineering (ATMECE), Mysuru, had organised a four-day State-level Technical Awareness Quiz Series on Electrical & Electronics Engineering through online platform.

The target participants were students from Electrical & Electronics Engineering.

The event was organised with objectives to enhance the technical skills of students in the field of Electrical & Electronics Engineering and to improve the analytical, logical and problem-solving skills in students.

The Quiz Series covered questions from Engineering courses on Basic Electrical Engineering, Transformers, Electrical Machines, Electrical & Electronics Circuits, Digital System Design, Electrical & Electronics Engineering.


Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru



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ISO 9001:2015



Department of EEE
Emitting Elite Energy

Department of Electrical and Electronics Engineering

Student Response System

Department of Electrical and Electronics Engineering

Problem Solving

To enhance the problem solving ability in students' student response system through I cloud is conducted through for students. Depending on the complexity of the questions, time is set and Response is logged through polling.

During the pandemic myQuiz platforms were used for dynamic student reports

Some of the Pre-pandemic SRS Reports are as shown

Sample Response screenshot is shown below:

Course: Electromagnetic Field Theory

16-May-19

Session Name: Current Session

Date Created: 16-May-19 4:08:21 PM

Active Participants: 44 of 44

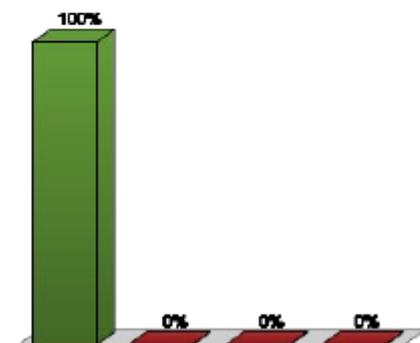
Average Score: 70.00%

Questions: 10

Results by Question

1. When two vectors are perpendicular, their (Multiple Choice)

	Responses	
	Percent	Count
Dot product is zero (c)	100%	44
Cross product is zero	0%	0
Both are zero	0%	0
Both are not necessarily zero	0%	0
Totals	100%	44



Department of Electrical and Electronics Engineering

Course : Power Electronics

Course Code:17EE53

Sl. No.		Name	Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Total Points	Score
			Answer Key	C	B	D	A	C	D	C	A	D	C	10.00	100.00%
1		AKSHAY D	E365F0	B	D	D	A	C	D	C	A	A	D	6.00	60.00%
2		ARPITHA R	E2BFD7	C	D	D	A	C	A	C	A	D	A	7.00	70.00%
3		ASHA P	E2D419	C	A	D	C	C	D	A	A	-	A	5.00	50.00%
4		ASHWINI C R	E3663D	C	B	D	B	C	D	B	A	D	D	7.00	70.00%
5		ASHWINI D S	E2BF62	C	B	D	B	C	D	A	A	D	D	7.00	70.00%
6		B ROSHAN	E2BF75	C	B	D	C	C	D	A	A	A	A	6.00	60.00%
7		BINDHU V	E2BF25	C	D	A	A	C	A	C	A	A	A	5.00	50.00%
8		DEEPTI M	E2BFBF	C	D	D	A	A	A	A	C	B	A	3.00	30.00%
9		DHANYATHA M	E2BF5B	C	A	D	A	C	A	C	A	D	A	7.00	70.00%
10		GAGANA S	E347F1	C	D	D	A	C	A	C	A	D	A	7.00	70.00%
11		GULABI P	E2D391	C	D	D	B	C	A	C	A	A	B	5.00	50.00%

Course: AEC

**Module 1
Evaluation**

Diode Circuits and Transistor Biasing and Stabilization

Department of Electrical and Electronics Engineering

1. Clipper circuits are used to

- A. Remove the unwanted waveform
- B. Add the DC level to the signal
- C. Convert DC to AC
- D. All the above



2. Clamper circuits are used to

- A. Cut the input waveform
- B. Add the DC level to input waveform
- C. Increase the output voltage
- D. All the above




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Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

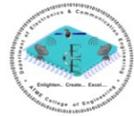
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EVALUATION OF MODULE 1. TRANSISTOR BIASING CIRCUITS

Course		
Analog Electronic Circuits (18EE34)		
Date Created	Active Participants	Total Participants
8/30/2019 3:14:03 PM	28	28
Average Score	Questions	
67.78%	15	

Sl No.	First Name	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Total Points	Score
		A	B	C	C	C	C	B	C	C	B	A	A	D	C	C		
1	ABDUL BASSEER KHATTAL	A	C	A	B	C	C	B	C	C	B	A	A	D	C	C	15.00	100.00%
2	ADITHYAN K S	A	A	A	B	C	C	B	C	D	B	D	A	A	D	D	7.00	
3	ABHIJAYYA M	A	D	C	C	C	C	B	C	C	C	B	A	D	C	C		
4	ANUSHAN K	A	B	A	C	C	C	B	C	C	B	A	A	D	C	D		
5	CHANDAN KUMAR C B	A	B	C	C	C	C	B	C	B	D	D	A	D	D	D		
6	CHANDAN M N	A	C	A	B	C	C	A	C	C	D	A	A	D	A	C	9.00	
7	DAMINI DORA K P	A	B	C	C	C	C	B	D	D	B	A	A	B	C	B		
8	DREKSHITHA V	A	B	C	C	C	C	B	C	C	B	A	A	D	A	D		
9	GAGANA S	A	B	C	C	C	C	B	C	C	B	A	A	D	C	C		
10	JEEVITH U	A	A	C	C	C	B	A	C	A	A	A	A	D	C	D	9.00	
11	KAVIRI K	A	B	A	C	C	C	B	C	C	A	A	A	D	C	D		
12	LAKSHMI A A	A	B	B	C	C	C	B	C	C	B	A	A	D	C	D		
13	MADHUGOWDA H K	A	A	C	C	B	C	A	C	C	B	C	C	D	A	B	8.00	
14	MANJUNATHA K B	A	C	A	D	C	C	B	C	C	B	A	A	D	C	C		
15	MANGI KUMAR K S	A	C	A	D	C	C	B	C	C	B	A	C	D	C	C		
16	MISHAH AFSEEN	A	B	B	C	C	C	B	C	A	C	D	A	D	C	C		
17	MOHAMMED SUBHAJ	A	B	C	C	C	C	B	D	A	B	A	A	D	D	D		
18	NAYANA K S	A	B	A	C	C	B	A	C	C	A	A	A	D	C	D		
19	POOJA BAI	A	C	A	D	C	B	A	D	C	B	A	A	C	C	D	7.00	
20	PRAVEEN GOWDA S B	A	B	C	C	C	B	A	C	C	A	A	A	D	C	D		
21	PREETHI N	A	D	C	C	C	B	B	C	C	A	A	A	C	C	D		
22	RADHIKA M S	A	B	C	C	C	B	A	D	B	D	B	D	D	C	D	7.00	
23	SHASHI KUMAR V	A	C	C	C	B	C	B	B	A	A	D	A	D	A	B	7.00	
24	SYED FAIZA	A	B	A	C	C	C	C	C	C	A	A	A	A	C	C		
25	VIVEK S	A	C	A	B	C	B	A	C	D	A	C	A	D	A	C	6.00	
26	YASHEEN ULLA KHAN	A	B	C	C	C	B	B	C	C	A	A	A	D	B	A		
27	FAWAZ AHMED	A	B	A	C	C	C	B	C	C	C	A	A	D	C	C		
28	MONIKA P	A	B	B	C	C	C	B	C	C	B	A	A	D	A	D		
		100.00%	56.67%	43.33%	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####		


Dr. PARTHASARATHY L.
 Professor and HOD
 Dept. of Electrical & Electronics Engineering
 ATME College of Engineering, Mysuru



Experimental Learning

1. Project Exhibition- co-curricular activities
2. Self-Learning through MOOCs
3. ICT based Learning
4. Internship to understand corporate learning environment

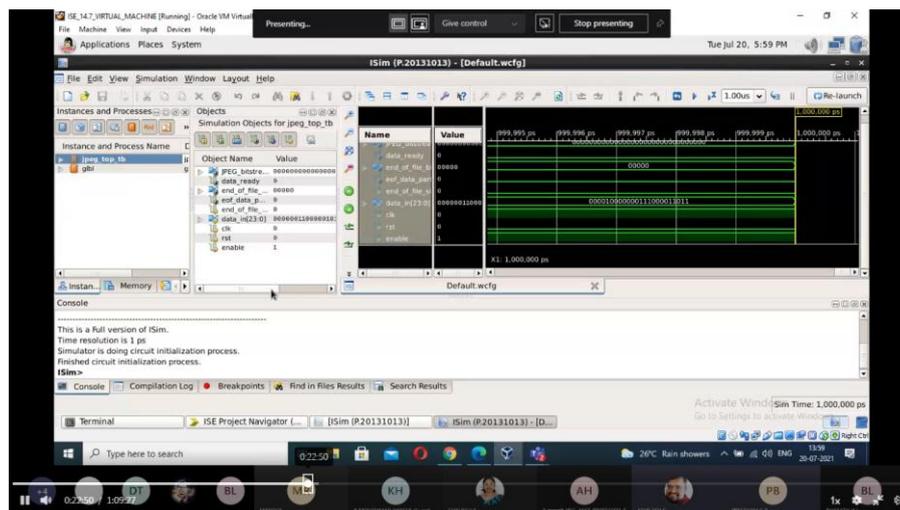
Project Exhibition

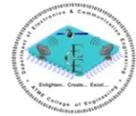
Project work is an integral part of the curricula at UG level programmes. Students remain active, work co-operatively, interact with each other, take responsibility and develop self-confidence. It stimulates student's interest and provides opportunities to the student for freedom of thought and free exchange of different views.. Project phase is conducted in ODD and EVEN semester to suggest improvements and monitor progress by the Project and Seminar Evaluation Committee. The Department of Electronics and Communication Engineering has conducted a one day state level Virtual Hackathon and Project Exhibition-“HackXpo-2K21” on 20th July 2021 through Microsoft team(MS Teams) platform.

Objective of the Event:

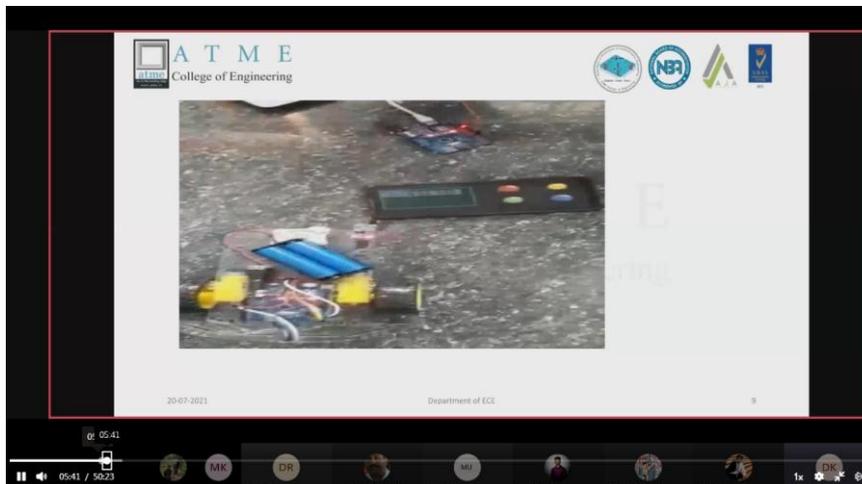
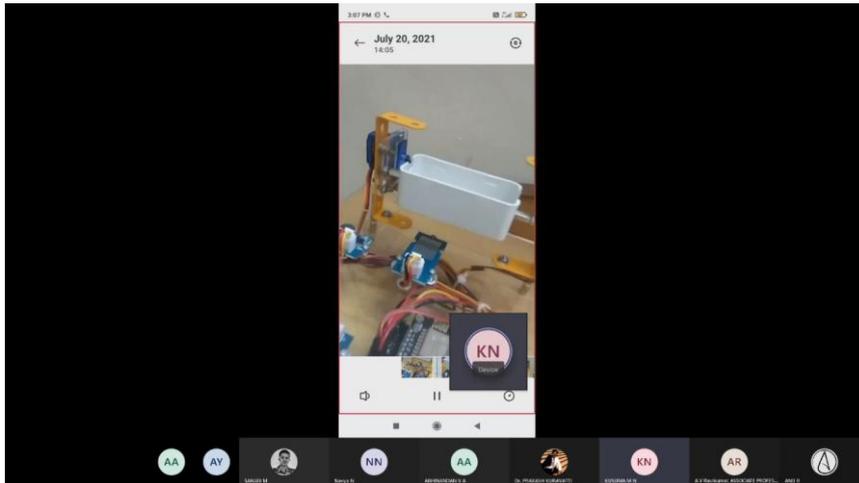
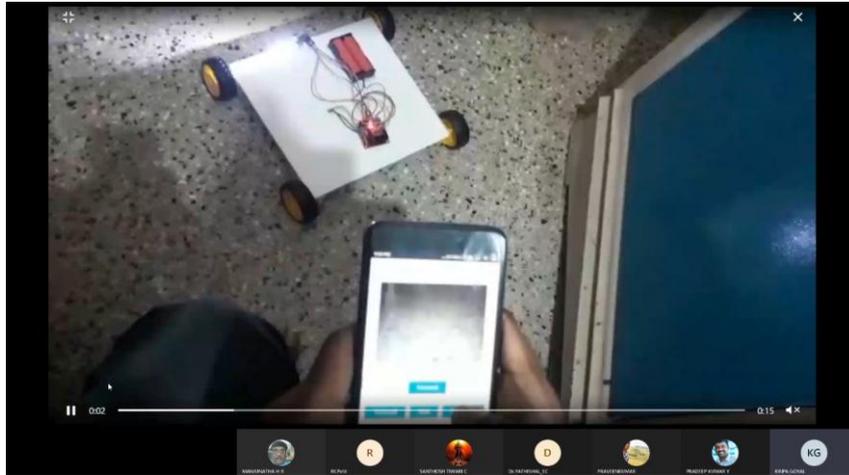
- To enrich the presentation skills.
- To enhance the teamwork of the project group members
- To create a competitive mind-set among the students.

Few Sample pictures of Project Work done by the students:

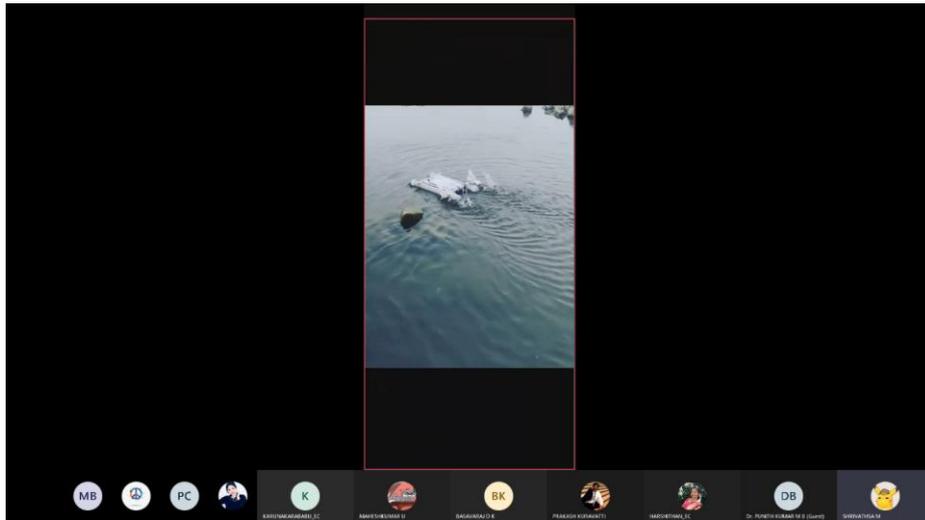




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Totally 25 different teams were registered in and around Mysore Institutions.

The e-poster circulated for the participants is shown below:



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One day state level

HACKXPO-2k21

Date: 20th July 2021 | Time: 10.00 AM to 4.00 PM



Scan for Registration

Benefits of Virtual Hackathon:

- Cost: Traditional hackathon can cost more due to the factor of meal costs for the attendees, space utilities, etc.
- Environment: Working from home means that every attendee gets to customize the conditions and create an optimal work environment.
- Training: Attendees need to delegate, communicate, demonstrate and compromise all from behind a computer screen. Developing and Mastering these building skills will serve attendees long beyond the event's end.

Cash Prize:

1st place: 5000/-
2nd place: 3000/- | 3rd place: 2000/-

Bank Details

Name- Mr. Echelon | Account Number: 12103100008280
IFSC: PKGB0012103 | Bank Name: Karnataka Gramin Bank

Chief Patrons

Sri. L. Arun Kumar
Chairman, ATMECL
Mysuru

Sri. K. Shivashankar
Secretary, ATMECL
Mysuru

Sri. R. Veeresh
Treasurer, ATMECL
Mysuru

Patrons

Dr. L. Basavaraj
Principal, ATMECL
Mysuru

Event Coordinators

Dr. Mahesh P. K.
HOD, Dept. of E&C
ATMECL, Mysuru

Dr. Prakash Kuravatti
Associate Professor,
Dept. of ECE, ATMECL

Mrs. Keerthi A. Kumbar
Assistant Professor,
Dept. of ECE, ATMECL

Mr. Girish M.
Assistant Professor
Dept. of ECE, ATMECL

For any queries Call : Girish M 7019599105 | Keerthi A K 9538550857

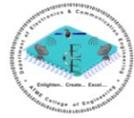
E-Certificates will be provided to all registered participants.
Registration Fee: Rs. 200/- per team | Team should consist of 3 to 4 members
Who can enroll? : Final year students. | Meeting Platform: Microsoft Teams
Registration Link: <https://forms.gle/hHQyVU2PFR5P8dp57>


HOD
 Dept. of ECE
 Professor & Head
 Dept. of Electronics & Communication
 ATME COLLEGE OF ENGINEERING
 Mysuru - 570 028



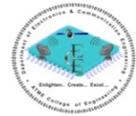
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**Department of Electronics &
Communication Engineering**



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Self-Learning through MOOCs



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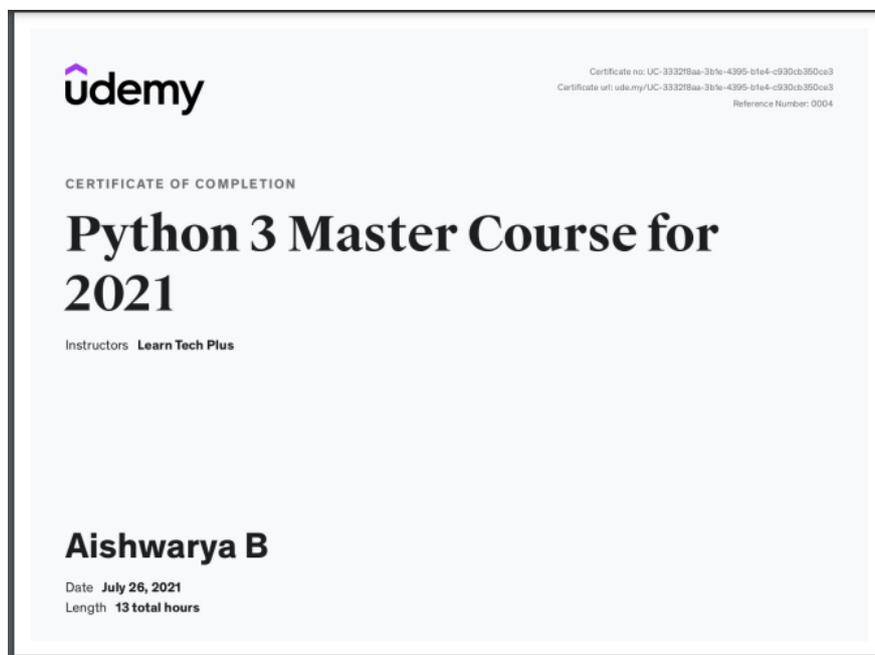
The Department encourages students to undergo MOOC Courses and enhance their skillset in various MOOC platform like Coursera, IIRS/ISRO, NPTEL.

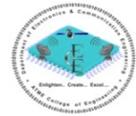
The sample certificate of few students is as follows:

Student Name: Aishwarya B

Platform: Udemy

Course: Python 3





Platform: Sololearn

Course: Python for Data Science

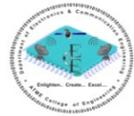


(Signature)
HOD
Dept. of ECE
Professor & Head
Dept. of Electronics & Communication
ATME COLLEGE OF ENGINEERING
Mysuru - 570 028



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**Department of Electronics &
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ICT based Learning

Information Communication Technology (ICT) tools used for Teaching & Learning Process (TLP)

Information Communication Technology (ICT) tools contribute to high quality lessons as they have potential to increase students' motivation, connect students to many information sources, and support out-class learning environments. The Department of Electronics & Communication Engineering is inclining to use of following ICT tools to deliver TLP: Microsoft Teams, Zoom- Online Learning Platform, Edmodo, YouTube

- a) The faculty members of the Department of ECE have conducted Live Online classes through MS Teams, ZOOM and shared videos, PPTs are shared and evaluated through MS Team, My Quiz, Edmodo for Assignment in the form of Quiz. In addition to this, recorded videos of laboratory experiments uploaded on YouTube.
- b) Project Phase Evaluation, Seminar and Internship evaluation was also conducted through MS teams Platform
- c) Webinars for students are also conducted through MS teams.

Microsoft Teams Teaching and Learning Process**IV Semester:**

Course	Code	Faculty	Module	Link of AV files
MC	18EC46	Dr. Mahesh P K	M4	https://web.microsoftstream.com/video/9b90a75a-c580-4785-861f-73e6532273fd
ESLA	18EC44	Anupama Shetter	M5	https://web.microsoftstream.com/video/f5a54197-62c6-44fd-929a-446653d4cdda
SS	18EC45	Manjunath K	M3	https://web.microsoftstream.com/video/6d760f5e-13e9-4592-be4c-ccde5fbeb870

VI Semester:

Course	Code	Faculty	Module	Link of AV files
ES	18EC62	Pradeep Kumar Y	M4	https://web.microsoftstream.com/video/4d7be73f-963f-4377-afbd-f58ce661e4e5
DC	18EC61	Keerthi A Kumbar	M5	https://web.microsoftstream.com/video/f659531f-dd36-4f17-9677-ec91b9e17788

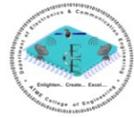
YouTube Laboratory Videos Link:

Sem	Lab	Course Coordinator	Experiment Name	Link
3	Analog Circuits Lab	Mr. Guruprasad K N	Common Source JFET	https://www.youtube.com/watch?v=Rn4dMWIWzdY&list=PLOU3kcAncZZs-8CMyzlJ2LXbPvmqvCIkA
			Colpitts Oscillator	https://www.youtube.com/watch?v=b9lAdi8Zrss&list=PLOU3kcAncZZs-8CMyzlJ2LXbPvmqvCIkA&index=3
			CE Amplifier with and without feedback	https://www.youtube.com/watch?v=AcZ9tponfIY&list=PLOU3kcAncZZs-8CMyzlJ2LXbPvmqvCIkA&index=2
7	Advanced Communication Lab	Mr. Pradeep Kumar Y	ASK	https://www.youtube.com/watch?v=2vYCbHvynZE&list=PLOU3kcAncZZv9lRdzEqP0hO_nhmRc1btU
4	HDL Lab	Mr. Chandra Shekar P	JK FF	https://www.youtube.com/watch?v=D-8dCZYVafI&list=PLOU3kcAncZZv0RKzPwR3pKG-76iyAblzc&index=7
			D FF	https://www.youtube.com/watch?v=OqXggDCFxd8&list=PLOU3kcAncZZv0RKzPwR3pKG-76iyAblzc&index=6



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Internship to understand corporate learning
environment

Internship

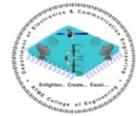
An internship is an ideal approach to gain an understanding of your chosen industry or field. An internship gives you the significant practical experience required and how you can apply the knowledge you have attained in your degree program to real-life situations, alongside academic qualifications.

Internship details are as follows.

Sl. No.	Date	Workshops, Training Programs, Conferences, Competitions	Name of the Faculty/Trainer
1	11/7/2019 to 10/8/2019	Internship on Labview for 7th semester students	1. Ms. M Lavanya Sree, CEO of VIEWRobo 2. Mr. Mahesh G S, Apti Thought
2	11/7/2019 to 10/8/2019	Internship on IOT for 7th semester students	1. Mr. Pradeep Kumar Y, ATMECE 2. Mrs. Juslin F, ATMECE 3. Mrs. Keerthi A Kumbar, ATMECE 4. Ms. Anupama S, ATMECE 5. Mrs. Darshini M B, ATMECE
3	3/8/2020 to 29/8/2020	Internship on Labview for 7th semester students	1. Mr. Girish M, ATMECE 2. Mr. Manjunath K, ATMECE 3. Mrs. Pavithra A C, ATMECE 4. Mrs. Harshitha N, ATMECE 5. Mrs. Shalini V S, ATMECE
4	22/3/2021 to 17/4/2021	Internship on "IOT & Python programming" for 7th semester students	1. Mr. Pradeep Kumar Y, ATMECE 2. Mrs. Keerthi A Kumbar, ATMECE 3. Ms. Anupama S, ATMECE

Sample certificates are as follows:





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Department of Electronics and Communication Engineering

IoT

Internship Completion Certificate

Certificate ID: ATME/ECE/INT/IOT/2020-21/7

This is to certify that **Mr. MOHAMMED ADNAN** bearing USN: **4AD17EC038** pursuing Bachelor of Engineering in Electronics and Communication Engineering at **ATME College of Engineering** has successfully completed the four-week internship program on **"IoT and Python Programming"** conducted by the Department of Electronics and Communication Engineering, ATME College of Engineering, Mysuru from 22nd March to 17th April 2021.

Dr. Mahesh P K
Prof. & Head
Department of ECE

Dr. L Basavaraj
Principal
ATMECE

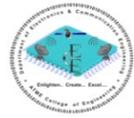
ATME College of Engineering
13th Kilometre, Mysuru - Kanakapura - Bengaluru Road.
Mysuru - 570 028

HOD
 Dept. of ECE
 Professor & Head
 Dept. of Electronics & Communication
ATME COLLEGE OF ENGINEERING
 Mysuru - 570 028



A T M E
College of Engineering

**Department of Electronics &
Communication Engineering**



(Accredited by NBA, New Delhi. Validity 01.07.2019 to 30.06.2022)

Experimental Learning

The Department offers the entire laboratory prescribed by the university in the curriculum

1. ELECTRONIC DEVICES AND INSTRUMENTATION LABORATORY

This Lab explores the design, construction, and debugging of analog electronic circuits like rectifiers, clipping circuits, clamping circuits and voltage regulators. The lab computes the parameters from the characteristics of JFET and MOSFET devices. Also investigates the performance characteristics of diodes, transistors, JFETs, and op-amps, including the construction of a small audio amplifier and preamplifiers. Evaluate BJT amplifiers in

CE configuration and test various types of oscillators.



2. DIGITAL SYSTEM DESIGN LABORATORY



In this laboratory the students will be able to demonstrate the truth table of various expressions and combinational circuits using logic gates. Design, test and evaluate various combinational circuits such as adders, subtractors, comparators, multiplexers and demultiplexers. Construct flips-flops, counters and shift registers. Simulate full adder and up/down counters.

3. MICROPROCESSOR LAB

In this Programming lab the students will learn to run programs on 8086 microprocessor based systems. This lab provides a platform for the students to design system using memory chips and peripheral chips for 16 bit 8086 microprocessor. And also interface various peripherals to 8086. In Addition they will be able to write modular programs using procedures, macros and 8086 programs interleaved with 8087 instructions. This lab understands the features of high speed buses and higher bit processors.



4. LIC & COMMUNICATION LAB



Communication Lab enables to formulate and gain hands on experience in building analog systems for a given specification using the basic building blocks, in AM and

FM techniques, frequency synthesis, in pulse and flat top sampling techniques. It gives the knowledge about choosing of an IC and design the circuit for a given application. And also analyze the performance of instrumentation amplifier, LPF, HPF, DAC and oscillators using linear IC. This lab understands the applications of Linear IC for addition, integration and 555 timer operations to generate signals/pulses.

5. HDL LAB

This Lab is a Programming lab. Fifth semester students will utilize this lab for their academic purpose. It consists of HDL programming that uses a suitable compiler to download the programs on Xilinx FPGA boards to carry out the performance testing of logic circuits like Flip-Flops, counters, mux, ALU. Also hardware modules like DC motor, Stepper motor, DAC are interfaced.



6. DSP LAB



This Lab is a Programming lab. Fifth semester students will utilize this lab for their academic purpose. This lab mainly concentrates on coding for mathematical modeling of DSP systems using Scilab and for convolution & Filters design.

7. ADVANCED COMMUNICATION LAB

This Lab is an experimental laboratory that explores the Identify the basic methods of Digital communication and Perform analysis and design the circuits required for basic Digital communication ASK,FSK, PSK, TDM and also Identifying blocks and dataflow in DPSK,QPSK, TDM and Classify basic parameters of given Optical Fiber Cable by suitable analysis. It helps to develop the experimental set up to identify the specifications of Ring Resonator,

Directional Coupler and Power Divider. This lab investigates the design & working of antennas & wave propagation



8. POWER ELECTRONICS LAB



PE Lab introduces Power Semiconductor devices, measurement of

operating characteristics of power electronic circuits and control hardware for various power and energy applications such as motor drives. Learn about how to correlate theoretical and practical analysis of: Controlling the supply voltage using AC-AC, AC-DC, DC-DC & DC-AC converters. And also by Using the PSPICE software for determining the performance of given power electronic converters.

9. VLSI LAB

This Lab is a programming lab. Students will be able to design digital circuits and verify its function using verilog HDL and students will be able to understand the logic of sequential and combinational circuits and time required for each module through synthesis tools and to know about the s/w like Cadence. And also

students can carry out a final year projects on VLSI domain.



10. COMPUTER NETWORKS LABORATORY



It is a programming and simulation lab. Students are introduced to Network Simulator (NS2) tool for learning and Practice of networking algorithms. It enables students to illustrate the operations of new protocols and algorithms using C Programming and also implement data link and routing protocols. This will help students to carry out the final year project in networking domain.

11. EMBEDDED CONTROLLER LABORATORY

This lab will enable students to learn assembly level programming using ARM Cortex M3 registers using an Evaluation board and keil-4 software tool. It helps students to develop ALP using ARM for different applications and interface external devices and I/O with ARM Cortex. After successful completion of this laboratory students can develop C

language programs and Library functions for embedded system applications.



12. PROJECT LABORATORY



The project lab has been set up for students to carry out the academic Projects. The lab is well equipped with computing facilities. Students can access free Wi-Fi offered in the college. Each user of the lab is authenticated with username and password to access internet.

13. RESEARCH LABORATORY

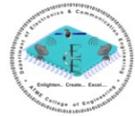
The Research lab has been set up for faculties and research students to carry out the research work. Lab has Sophisticated Equipment's to conduct the Research. An integrated development environment (IDE) is a software application that provides comprehensive facilities to computer programmers for software development, computing Systems Updated Software's. Reputed Journal access like SCI, Thomson router indexed to the Research Scholars.



Major Equipment and Software Tools available in various Laboratories:

HARDWARE TOOL

- Microstrip Antenna, Digital CROs, Microwave test bench, Fiber Optics Kits, Function Generators, LCR meter. Data Communication Trainer kits
- Printers, Scanners, LCD Projectors
- ALS- FPGA-04 SPARTAN-3 & SPARTAN-6 Trainer Kits with Power Supply & interface module
- DSP C6747 Trainer Kit, MELL-8031/51 Micro-controller kits with interfaces, MSP-430 Microcontroller Trainer kit, MELL-8086 Microprocessor Trainer Kit
- Static Characteristics of SCR, MOSFET, IGBT and TRIAC, Auxiliary Commutation:- Forced Commutation Study unit, UJT triggering for Half and Full-wave rectifier, AC Voltage Controller, SCR Digital Firing circuit, DC chopper power circuit, Speed control of separately excited DC motor using Half controlled SCR bridge converter, Digital tachometer, Speed control of universal motor/ induction motor using AC voltage controller, Series and Parallel Inverter
- SERVER: DELL Optiplex -3010, 500 GB HDD, 4 GB RAM, Intel core i3 133 MHz, processor, with Internet facility.
- CADENCE SERVER: POWER EDGE-110 II, 500 GB HDD, 4 GB RAM, Intel core i3 133 MHz, processor, with Internet facility.
- ARM Microcontroller kit with Power Supply & interface module



SOFTWARE TOOLS

- Product: LabVIEW Application Builder, LabVIEW FPGA module, LABVIEW Real-Time Module
- Version: 2018
- Company: NI Instruments
- Users: 10 Users Life time Licensed
- M/S CADENCE DESIGN SYSTEM (IRELAND) LTD. BUNDLE-3 UNIVERSITY BUNDLE ANALOG & DIGITAL FE=FRONT END & BE=BACKEND (CADENCE 30 USERS LICENSE)
- MASM, SCILAB, Turbo C, C++, Pspice.
- Network Simulator (NS2)
- Keil-4

FACILITIES PROVIDED FOR THE STUDENTS

- IETE, ISF & ISTE Student Chapters for Technical activities.
- ECHELON Student Association.
- Project Laboratory.
- Well Stocked Departmental Library.
- Internet Facility for Browsing Technical Journals.
- Hard copies of Online Journals.
- Sponsorship from Various Organizations for projects.

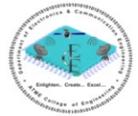

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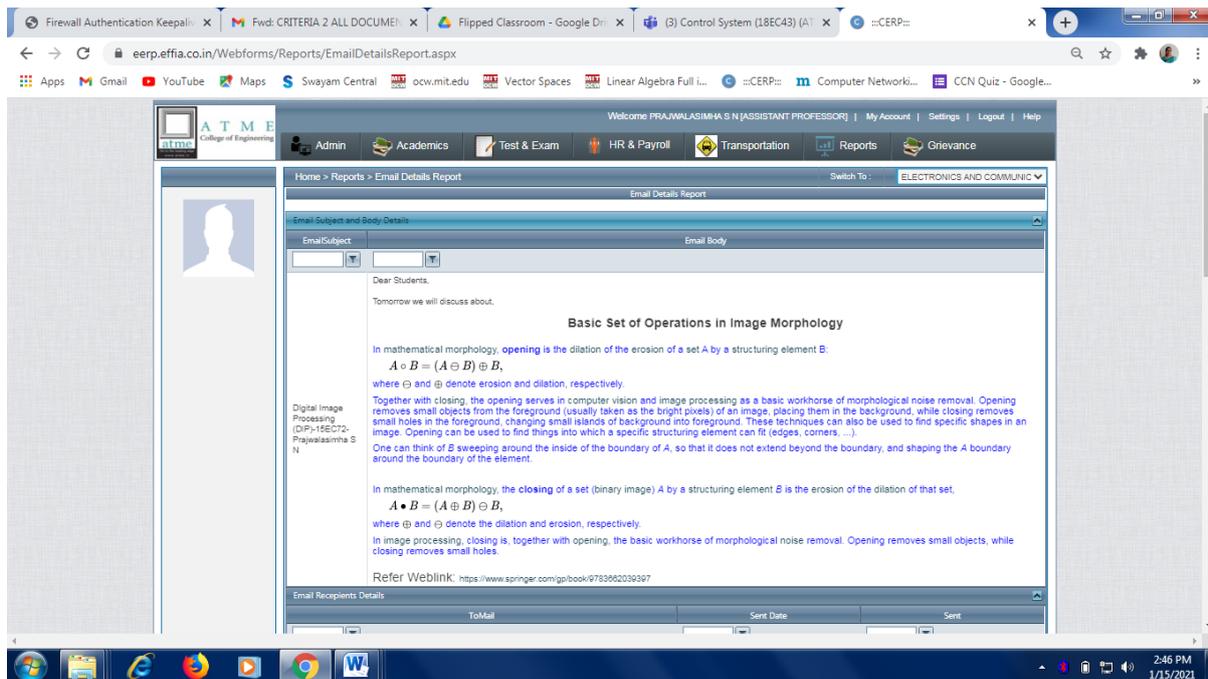
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Flipped classroom

Flipped Classroom

To enhance the learning ability and problem solving ability preface of the topic to be Delivered is sent to students through AIMS.



Dear Students,
Tomorrow we will discuss about,

Basic Set of Operations in Image Morphology

In mathematical morphology, **opening** is the dilation of the erosion of a set A by a structuring element B :

$$A \circ B = (A \ominus B) \oplus B,$$

where \ominus and \oplus denote erosion and dilation, respectively.

Together with closing, the opening serves in computer vision and image processing as a basic workhorse of morphological noise removal. Opening removes small objects from the foreground (usually taken as the bright pixels) of an image, placing them in the background, while closing removes small holes in the foreground, changing small islands of background into foreground. These techniques can also be used to find specific shapes in an image. Opening can be used to find things into which a specific structuring element can fit (edges, corners, ...).

One can think of B sweeping around the inside of the boundary of A , so that it does not extend beyond the boundary, and shaping the A boundary around the boundary of the element.

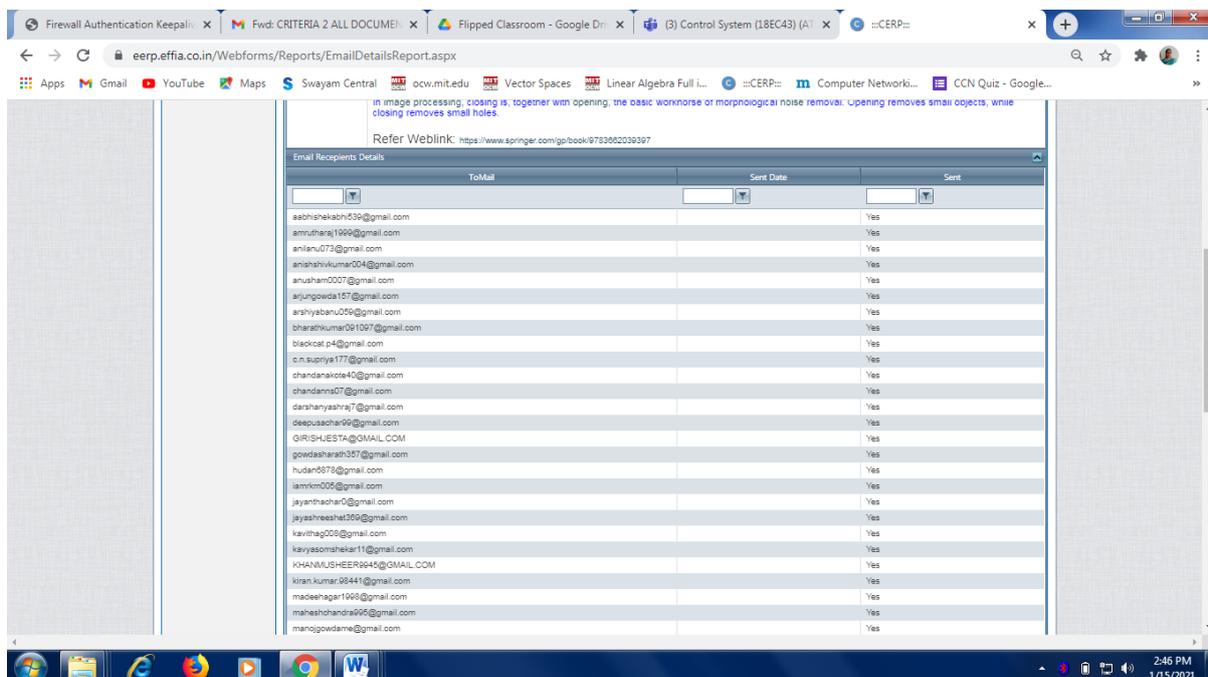
In mathematical morphology, the **closing** of a set (binary image) A by a structuring element B is the erosion of the dilation of that set,

$$A \bullet B = (A \oplus B) \ominus B,$$

where \oplus and \ominus denote the dilation and erosion, respectively.

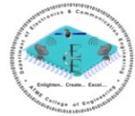
In image processing, closing is, together with opening, the basic workhorse of morphological noise removal. Opening removes small objects, while closing removes small holes.

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Refer Weblink: <https://www.springer.com/gp/book/9783982039397>

ToMail	Send Date	Sent
saahishkabi53@gmail.com		Yes
anrutharj1999@gmail.com		Yes
anilnu073@gmail.com		Yes
anishvikumar004@gmail.com		Yes
anusham0007@gmail.com		Yes
arjungowda157@gmail.com		Yes
arshiyabanu096@gmail.com		Yes
bharathkumar061067@gmail.com		Yes
blackcat-p4@gmail.com		Yes
c.n.surya177@gmail.com		Yes
chandanakote40@gmail.com		Yes
chandann07@gmail.com		Yes
darshanyashra7@gmail.com		Yes
deepusachar99@gmail.com		Yes
GIRISHUESTA@GMAIL.COM		Yes
gowdasharsh357@gmail.com		Yes
huda0678@gmail.com		Yes
iamkm005@gmail.com		Yes
jayanthachar0@gmail.com		Yes
jayashreesht369@gmail.com		Yes
kavitha008@gmail.com		Yes
kavyasomshekar11@gmail.com		Yes
KHANMUSHEER64@GMAIL.COM		Yes
kiran.kumar.98441@gmail.com		Yes
madeehagar1996@gmail.com		Yes
maheshchandra965@gmail.com		Yes
manojgowdame@gmail.com		Yes



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Apps Gmail YouTube Maps Swayam Central ocv.mit.edu Vector Spaces Linear Algebra Full L... ==CERP== Computer Network... CCN Quiz - Google...

monishaygowds51@gmail.com	Yes
inagenna58@gmail.com	Yes
mschisashis@gmail.com	Yes
mschitraya@gmail.com	Yes
nisaharipandana19@gmail.com	Yes
nibhakar65@gmail.com	Yes
padmashreegowda19@gmail.com	Yes
parthjyrees@gmail.com	Yes
pavansh121@gmail.com	Yes
poovasa307@gmail.com	Yes
priyabharanuj49@gmail.com	Yes
priyashigwedam@gmail.com	Yes
sureetha225@gmail.com	Yes
rathulad123@gmail.com	Yes
rashmirachu1432@gmail.com	Yes
RAJUL_GS077@GMAIL.COM	Yes
reethu1234@gmail.com	Yes
sahana1259@gmail.com	Yes
shilpashrees24@gmail.com	Yes
sindhugowds624@gmail.com	Yes
snehahm35@gmail.com	Yes
supriyamysuru619@gmail.com	Yes
sureshasu093@gmail.com	Yes
thejaswinm22@gmail.com	Yes
varshitha21ura@gmail.com	Yes
vedha.as13@gmail.com	Yes
veronikaveronika55@gmail.com	Yes
vidyashreen84@gmail.com	Yes
wahidpasha1007@gmail.com	Yes
yash.23.yashu@gmail.com	Yes

Details
Name:PRAJWALASIMHASN
Designation:ASSISTANT PROFESSOR
Important Links
More...

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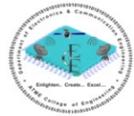
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Student Learning Resources

1. Study materials

Website link: <https://atme.in/electronics-communication-engineering/resources/>

<https://atme.in/electronics-communication-engineering/resources/>

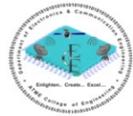
List of Subjects-ECE								
4th Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / LAB MANUAL	PPT	IA Scheme
1	18MAT41	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS	PRIYANKA N B	LINK				
2	18EC42	ANALOG CIRCUITS	GURUPRASAD K N	LINK				
3	18EC43	CONTROL SYSTEMS	NAVYA N	LINK				
4	18EC44	ENGINEERING STATISTICS & LINEAR ALGEBRA	KEERTHI A KUMBAR	LINK				
5	18EC45	SIGNALS & SYSTEMS	MANJUNATH K	LINK				
6	18EC46	MICROCONTROLLER	DR. BHAGYASHREE S R	LINK				
7	18ECL47	ELECTRONIC DEVICES AND INSTRUMENTATION LABORATORY	SHALINI V S	LINK	LINK	LINK		
8	18ECL48	ANALOG CIRCUITS LABORATORY	GURUPRASAD K N	LINK	LINK	LINK		
6th Semester								
9	18EC61	DIGITAL COMMUNICATION	DR. PRATHIBHA M K	LINK				
10	18EC62	EMBEDDED SYSTEMS	PRADEEP KUMAR Y	LINK				
11	18EC63	MICROWAVE & ANTENNA	NIDA MAHEN	LINK				
12	18EC644	DIGITAL SYSTEM DESIGN USING VERILOG	ABHILASH G	LINK				
13	18EC652	SENSOR AND SIGNAL CONDITIONING	ANUPAMA SHETTER	LINK				
14	18ECL66	EMBEDDED SYSTEMS LABORATORY	PRADEEP KUMAR Y	LINK	LINK	LINK		
15	18ECL67	COMMUNICATION LABORATORY	KEERTHI A KUMBAR	LINK	LINK	LINK		
8th Semester								
17	17EC81	WIRELESS CELLULAR & LTE 4G BROADBAND	HARSHITHA N	LINK				
18	17EC82	FIBER OPTICS AND NETWORKS	PAVITHRA A C	LINK				
19	17EC835	NETWORK AND CYBER SECURITY	GIRISH M	LINK				

2. Academic Information Management System (AIMS)

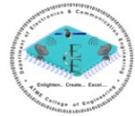
1. Notes and PPT

2. AIMS Link: <https://eerp.affia.co.in/WebForms/frmLogin.aspx>

Note: Credentials is required for Login



Keerthi
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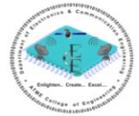


Participatory Learning

1. Webinars organized
2. Co-curricular & Extra – Curricular activities

Webinars

Sl. No	Date	Title	Convener/ Coordinators	Resource Person
1	14/7/2020	One day Webinar on “Antennas & Electromagnetics Hazards”	Dr. Prakash Kuravatti Mrs. Keerthi A K Mr. Karunakar Babu	Dr. Prabhakar Professor Gulbarga University Gulbarga
2	16/7/2020	One day webinar on “Robotics”	Dr. Prakash Kuravatti Mrs. Drashini M B Mr. Karunakar Babu	Dr. T C Manjunath HOD, Dept.of ECE, DSCE, Bangalore
3	18/7/2020	One day Webinar on “Career in Digital Marketing”	Mrs. Shalini V S & Mrs. Keerthi A K	Mrs. Sushma Jayaram, Ogilvy, Senior Account Executive, Bangalore
4	20/7/2020	One Day Webinar on “Machine Learning and Deep Learning”	Dr. Prathibha M K & Mrs. Juslin	Dr. Supreeth HSG, Associate Professor, ECE Department, SJBIT, Bengaluru Dr. Rajashekhargouda C Patil, Associate Professor, ECE Department, DBIT, Bengaluru
5	21/7/2020	One Day Webinar on “World of AI- Yesterday, Today & Tomorrow”	Dr. Prathibha M K & Ms. Anupama Shetter	Prof. Sushma GSSSIETW, Mysuru
6	22/7/2020 & 23/7/2020	Two Days Webinar on “Challenges & opportunities in Higher Education”	Mrs. Darshini M B & Mrs. Keerthi A K	Mrs. Darshini M B Asst. Prof, ATMECE, Mysuru Mrs. Keerthi A Kumbar Asst. Prof, ATMECE, Mysuru
7	23/7/2020	One day Webinar on “Fundamentals of Remote sensing with its application”	Mr. Prajwal Simha S N & Mrs. Shalini V S	Dr. Choodarathnagar A L Associate Professor, Government Engineering College, Kushalnagar, Kodagu Dr. Jayanth J GSSSIETW, Mysuru
8	25 th August 2020	Open Knowledge in Network Security	Mr. Chandra Shekar P	Mr. Anil Kumar H S Happiest Mind Technologies
9	24/7/2020, 25/7/2020 & 26/7/2020	Three days Webinar on “How to become Lab VIEW Certified Professionals”	Mr. Girish M Mrs. Harshitha N Mrs. Pavithra A C Mr. Manjunath K Mrs. Shalini V S	Mr. Girish M, Asst. Prof, ATMECE, Mysuru Mrs. Harshitha N Asst. Prof, ATMECE, Mysuru Mrs. Pavithra A C Asst. Prof, ATMECE, Mysuru Mr. Manjunath K Asst. Prof,



				ATMECE, Mysuru Mrs. Shalini V S Asst. Prof, ATMECE, Mysuru
10	25 th August 2020	One day Webinar on Advanced topics in Classical Control systems	Mrs. Pavithra A C Mr. Manjunath K	Dr Harsha Simha Assistant Professor Indian Institute of Space Science and Technology
11	28/5/ 2021	Decennial Event – E- Quiz on Current affairs	Mr. Pradeep Kumar Y & Mr. Guruprasad K N & Mrs. Keerthi A K	-
12	21/6/2021	“Industry Academic Interaction: Targeting Placements, Soft- Skills & Future Plans”	Mr. Guruprasad K N & Mrs. Keerthi A K	Ms. Sangeetha V (ATMECE Alumni, Dept of ECE, 2016-2020 batch), Technical Solutions Consultant, Hewlett Packard Enterprise, Bangalore.
13	20/7/2021	HackXpo-2k21	Dr. Prakash Kuravatti Mrs. Keerthi A K Mr. Girish M	-
14	24/7/2021	Webinar on “ How to crack TCS Drive” for prefinal year students	Mr. Guruprasad K N & Mrs. Keerthi A K	Ms. Maduri H N (ATMECE Alumni, Dept of ECE, 2015-2019 batch) Associate System Engineer, Tata Consultancy Service Bangalore.

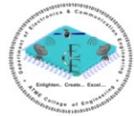
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Co-curricular Activities

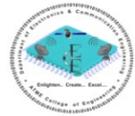
Students selected and participated for Toycathon-2021

Faculty	Students	Details
Dr. Bhagyashree S R & Mrs. Keerthi A Kumbar	Apoorva Vishwanath (3rd sem)	Team name : URJAS Team theme: Indian culture. History knowledge of India and ethos Theme category: TYCH67
	Deeksha M(3rd sem)	
	Prajwal B R(3rd sem)	

Students were encouraged to apply for project funding.

Funded projects /innovative projects (KSCST) details are as follows:

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned
1	Dr. PRAKASH KURVAATI Mr. GRUPRASAD K N	Smart Cabin Using IoT For Physically Challenged People	2020-21	KSCST	5500
2	Dr. PRATHIBHA M K Mrs. PAVITHRA A C	Eye Movement Communicating Media For Paralyzed Person	2020-21	KSCST	4500
3	Mr. PRADEEP KUMAR Y Mrs. SHALINI V S	Implementation Of Ultraviolet Room Disinfectant Device Using IoT	2020-21	KSCST	5500
4	MS. ANUPAMASHETTER & DR.PRATHIBHA M K	Agricultural Robot using IOT	2019-2020	KSCST	5000
5	MRS. HARSHITA N & MRS. KEERTHI A KUMBAR	Visual Surveillance System using Arduino	2019-2020	KSCST	5000
6	MRS. SHALINI V S & MR. PRAJWALASIMHA S N	Solar Operated Vision Capturing Spy Robot using Raspberrypi3	2019-2020	KSCST	5000



7	MRS. PAVITHRA A C & DR. PRAKASH KURAVATTI C	Intelligent wheel chair for handicapped persons	2019-2020	KSCST	4000
8	MRS. DARSHINI M B	Low Cost Real time Quadrupe Robot	2018-2019	KSCST	7000
9	DR.YATHISHA L	Rider safety system using embedded Systems	2017-2018	KSCST	5000


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Experiential Learning

1. Extensive Survey
2. Internship
3. Laboratory Sessions
4. ICT based Learning
5. EDUSAT/Digital Library
6. Self-Learning through MOOCs

Extensive Survey

Extensive survey – Academics outside the wall

As a part of curricular, the extensive survey for 5th sem outstanding students was conducted near ATMECE, campus in a different terrain comprising of both flat and gradient land. Department of Civil Engineering conducted Survey Camp for 3rd year student of Civil Engineering and as compulsory part of the University academic curriculum for 5th semester. The camp was conducted for duration of 7 days near ATMECE campus. This Camp was aimed to groom Civil Engineering students with essential knowledge and to expose them to the real work, and also to encourage leadership and teamwork skills. This Survey Camp resulted in encouraging and supporting students, emerging as leaders in several areas of academic provision



The study focused on the practical approach to be considered during the construction of New Tank Project, the bund construction on either side, canal alignment from the New tank. Followed by the water supply line to be provided for residential area




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ATME College of Engineering
Mysuru-570 026

Internship

ATME College of Engineering

Department of Civil Engineering

a. Internship

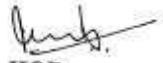
The Department encourages students to undergo internship as per the university curriculum.

Academic Year: 2020-21

Sl. No	USN	Student Name	Organization in which Internship Conducted	Domain
1	4AD17CV001	ADARSH S S	CAD Station	Construction
2	4AD17CV003	AKSHATHA N	Balaji Infrastructure Pvt Ltd	Construction
3	4AD17CV004	ALEX ABRAHAM P	Balaji Infrastructure Pvt Ltd	Construction
4	4AD17CV006	BI BI AYIMAN	Balaji Infrastructure Pvt Ltd	Construction
5	4AD17CV007	CHEZHANAGOWDA M C	Balaji Infrastructure Pvt Ltd	Construction
6	4AD17CV008	CHIRAG R	Venus Construction	Construction
7	4AD17CV009	DEEKSHA V	Balaji Infrastructure Pvt Ltd	Construction
8	4AD17CV011	DIVYASHREE G RAJ	Balaji Infrastructure Pvt Ltd	Construction
9	4AD17CV012	GANESH D	Apex Global Tech Solution	Construction
10	4AD17CV014	HRUTHIK S	Apex Global Tech Solution	Construction
11	4AD17CV015	KARTHIK K	Balaji Infrastructure Pvt Ltd	Construction
12	4AD17CV016	KASHIF AKBAR	Balaji Infrastructure Pvt Ltd	Construction
13	4AD17CV017	KAUSTUBHA M B	Balaji Infrastructure Pvt Ltd	Construction
14	4AD17CV018	KAVYASHREE R	Balaji Infrastructure Pvt Ltd	Construction
15	4AD17CV019	MEGHA N	Balaji Infrastructure Pvt Ltd	Construction
16	4AD17CV022	NAVEEN K	Balaji Infrastructure Pvt Ltd	Construction
17	4AD17CV023	NAVEEN M	Balaji Infrastructure Pvt Ltd	Construction
18	4AD17CV024	NAVYA L	Balaji Infrastructure Pvt Ltd	Construction
19	4AD17CV026	PAVITHRA B S	Balaji Infrastructure Pvt Ltd	Construction
20	4AD17CV027	PRAKASH BAHADUR L	Panchayat Raj Development	Construction
21	4AD17CV028	PUTTAVERE GOWDA K V	Balaji Infrastructure Pvt Ltd	Construction
22	4AD17CV029	PRUTHVI DEV R	Apex Global Tech Solution	Construction
23	4AD17CV030	RAKESH KUMAR G S	Balaji Infrastructure Pvt Ltd	Construction
24	4AD17CV031	RAKSHITH M	Balaji Infrastructure Pvt Ltd	Construction
25	4AD17CV032	ROOPINI N	Balaji Infrastructure Pvt Ltd	Construction
26	4AD17CV033	SAMPREETH SOORI S	Balaji Infrastructure Pvt Ltd	Construction
27	4AD17CV034	SHASHANK MR	Balaji Infrastructure Pvt Ltd	Construction
28	4AD17CV035	SHIVAPRASADU G M	Balaji Infrastructure Pvt Ltd	Construction
29	4AD17CV036	THEJASGOWDA L N	Balaji Infrastructure Pvt Ltd	Construction
30	4AD17CV037	V HEMANTH KUMAR	Apex Global Tech Solution	Construction
31	4AD17CV040	VISHWAS R	Balaji Infrastructure Pvt Ltd	Construction
32	4AD17CV041	YASHAS R	CAD Station	Construction
33	4AD17CV042	YASHWANTH B	Balaji Infrastructure Pvt Ltd	Construction
34	4AD17CV043	YASHWANTH L	Balaji Infrastructure Pvt Ltd	Construction
35	4AD17CV044	YOGASWATHI M	Balaji Infrastructure Pvt Ltd	Construction
36	4AD18CV400	AKRAM PASHA	Balaji Infrastructure Pvt Ltd	Construction

Department of Civil Engineering

37	4AD18CV401	ARUN A	Balaji Infrastructure Pvt Ltd	Construction
38	4AD18CV402	BRIJESH N GOWDA	Balaji Infrastructure Pvt Ltd	Construction
39	4AD18CV403	CHANDAN N	Balaji Infrastructure Pvt Ltd	Construction
40	4AD18CV404	CHIDAMBARA GUPTHA H T	Balaji Infrastructure Pvt Ltd	Construction
41	4AD18CV405	DHANUSH B S	Balaji Infrastructure Pvt Ltd	Construction
42	4AD18CV406	HEMANTHA G	Balaji Infrastructure Pvt Ltd	Construction
43	4AD18CV407	KAUSHAL B C	Balaji Infrastructure Pvt Ltd	Construction
44	4AD18CV408	KUSHANK R	Balaji Infrastructure Pvt Ltd	Construction
45	4AD18CV409	LAVANYA B C	Balaji Infrastructure Pvt Ltd	Construction
46	4AD18CV410	MAHESH N	Balaji Infrastructure Pvt Ltd	Construction
47	4AD18CV411	MANOJ	Balaji Infrastructure Pvt Ltd	Construction
48	4AD18CV412	MANOJ N	Balaji Infrastructure Pvt Ltd	Construction
49	4AD18CV413	MOHANKUMAR C	Balaji Infrastructure Pvt Ltd	Construction
50	4AD18CV414	MOHAN N D	Balaji Infrastructure Pvt Ltd	Construction
51	4AD18CV415	NAGARATHNA H T	Balaji Infrastructure Pvt Ltd	Construction
52	4AD18CV416	NANDAN S	Balaji Infrastructure Pvt Ltd	Construction
53	4AD18CV417	NIRUPANAGOUDA	Balaji Infrastructure Pvt Ltd	Construction
54	4AD18CV418	NITHYA M V	Balaji Infrastructure Pvt Ltd	Construction
55	4AD18CV420	RAJINIKANTH K	Balaji Infrastructure Pvt Ltd	Construction
56	4AD18CV421	RAKESH A	Balaji Infrastructure Pvt Ltd	Construction
57	4AD18CV422	RATHAN B R	Balaji Infrastructure Pvt Ltd	Construction
58	4AD18CV423	SAGAR R	Balaji Infrastructure Pvt Ltd	Construction
59	4AD18CV425	SUNIL S	Venus Construction	Construction
60	4AD18CV426	SYED ABDUL BASEED	Balaji Infrastructure Pvt Ltd	Construction
61	4AD18CV427	USHA M S	Balaji Infrastructure Pvt Ltd	Construction
62	4AD18CV429	YATHISHKUMAR S	Balaji Infrastructure Pvt Ltd	Construction


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 ATME College of Engineering
 Mysore-570 026

ATME College of Engineering

Department of Civil Engineering

b. Internship Certificate

Few of the sample certificates is as follows:

4AD17CV006	BI BIAYIMAN
------------	-------------



Date: 03/05/2021

This is to certify that Mr. / Ms. **BI BI AYIMAN** bearing USN **4AD17CV006** studying in 7th semester at ATME College of Engineering, Mysuru has successfully completed the internship training program from **28th March 2021 to 17th April 2021**.

His / Her performance during the training is satisfactory.

BALAJI INFRASTRUCTURE

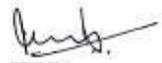
☎ 8549933002

✉ rahulayyappan9@gmail.com

📍 MIG-02, 1st Main Road, Nimishambha Layout,
Kuvempunagar, Mysuru 570 023.

For Balaji Infrastructure

Proprietor


HOD HOD
Department of Civil Engineering
ATME College of Engineering
Mysore-570 026

4AD17CV027

PRAKASH BAHADUR L




HOD HOD
Department of Civil Engineering
ATME College of Engineering
Mysore-570 025

ATME College of Engineering

Department of Civil Engineering

4AD17CV037

V HEMANTHKUMAR



1-Floor
E-Central Building
Between 517 14th & 15th Cross
Tumkur-572102, Karnataka, India
☎ 7899888887 / 7022276678
✉ directors@apexglobal.tech
🌐 www.apexglobal.tech

Date: 12.11.2020

TO WHOMSOEVER IT MAY CONCERN

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that V Hemant Kumar bearing USN: 4AD17CV037 pursuing his B.E in Civil 7th Semester from ATME College of Engineering, Mysore has successfully completed his Internship Program on Project Management using Primavera as a part of curriculum at APEX GLOBAL TECH SOLUTIONS, TUMAKURU from 20th Aug 2020 to 20th September 2020.

He was involved in "Project Management of a Residential Project". During his tenure with us as an intern, his conduct was good.

We wish his success in all his future endeavors.

Regards,


Apex Global Tech Solutions,
Tumkur


HOD HOD

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Mysore-570 026

Laboratory Experiments

Survey lab



The difference in elevation and reduced level of ground, curve setting are studied with different higher instruments. Total station, Theodolite, Auto level, Planimeter, Dumpy level Plane instrument are used,

Geology lab



The **mineralogy samples, petrology samples** are studied here. Geological mapping, dips and strikes on earth crust, problems associated with bore wells are intensively studied here. Different texture of rock, minerals from various region and sedimentation are available here.

Highway Material Testing lab

Practical experience about aggregates fresh concrete, bitumen is given to students. Highway materials, its impact, resistance, changing



properties with addition of different agents are studied here. Los Angeles Abrasion, Marshall apparatus, Slump cone apparatus, Flash and Fire point apparatus, elasticity apparatus are present.

Geotechnical Lab



The soil properties, its changing behavior are studied here. Students perform consolidation test, core cutter test, standard and proctor compaction, unconfined compression test, tri axial compression test and many more.

Environmental Lab



The water, waste water, its properties, purities are tested here. Permissible limits of potable water, water for industries, Turbidity in water are studied with importance. Flame Photometer, spectrophotometer, PH meter are available here.


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ICT based Learning

Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to support, enhance, and optimise the delivery of information. Through ICT, teachers can create interactive classes and make the lessons more enjoyable, which could improve student attendance and concentration.

The department of civil engineering used the following technologies as ICT tools to enhance the student knowledge and bringing in innovativeness in teaching.

ICT Resources	
Delivery	Assessment
1. MS Teams 2. PPT 3. Google Classroom 4. YouTube 5. Zoom 6. Virtual Labs 7. EDMODO	1. Student Response System 2. MS Team Form Quiz 3. Google Forms Quiz

Additional Learning ICT Resources
1. EDUSAT 2. Digital Library 3. Study Materials 4. CERP 5. Flipped Classroom

➤ MS POWERPOINT PRESENTATIONS



PowerPoint presentations prepared by the faculties were extensively used in the classrooms. The presentations included pictures and flowcharts depicting the real life field problems. This reduced the conventional chalk and talk process and also student were benefited with the additional information that could be conveyed pictorially to them using the presentation.

Sample PPT Screenshots

Course: Design of Steel Structures

Course Code:17CV62

Course Coordinator: Mr.Srivatsha H U

Module:2

Problems

- Two plates 12mm X 60mm are connected in a lap joint with 4 bolts of M16 grade of 4.6 property class as shown in figure. Determine the strength of the bolt

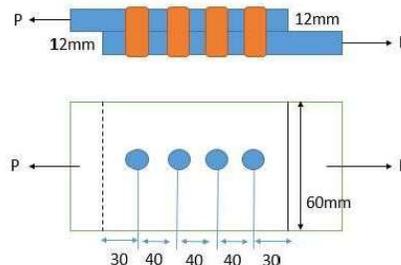
Given: M16 \rightarrow $d = 16\text{mm}$

4.6 property class \rightarrow $f_{ub} = 400\text{N/mm}^2$

Wkt dia of the hole $d_o = d + h$

For 16mm dia bolts \rightarrow $h = 2\text{mm}$

Therefore $d_o = 16 + 2 = 18\text{mm}$



Design Shear capacity of bolt

$$V_{dsb} = \frac{f_{ub}}{\sqrt{3} * \gamma_{mb}} [n_n * A_{nb} + n_s * A_{sb}]$$

Assuming threads intercepting the shear plane

Since we have assumed threads intercepting the shear plane $n_n = 1$

$$V_{dsb} = \frac{f_{ub}}{\sqrt{3} * \gamma_{mb}} [n_n * A_{nb} + n_s * A_{sb}]$$

$$V_{dsb} = \frac{400}{\sqrt{3} * 1.25} [1 * 0.78 * \frac{\pi d^2}{4} + 0]$$

$$V_{dsb} = \frac{400}{\sqrt{3} * 1.25} [1 * 0.78 * \frac{\pi * 16^2}{4} + 0] = 28.97 \text{ kN}$$

Course: Water supply and Treatment Engineering

Course Code: 17CV46

Course Coordinator: Ms. Shruthi H G

Module:1

POPULATION DATA AND POPULATION GROWTH

Birth



Death



Migration



Activate Windows
Go to PC settings to activate Windows.

Year	Population	Increase in population
1930	25000	3000
1940	28000	
1950	34000	6000
1960	42000	8000
1970	47000	5000

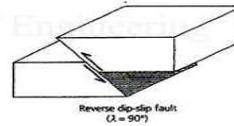
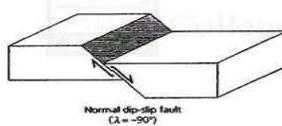
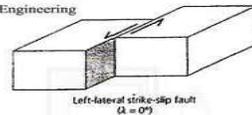
Activate Windows
Go to PC settings to activate Windows.

Course: Earth quake engineering

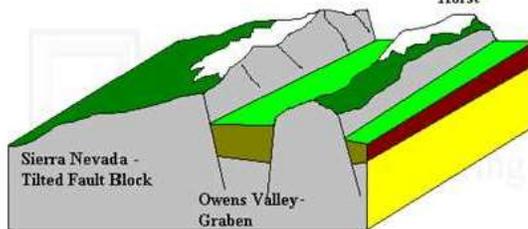
Course Code: 17CV831

Course Coordinator: Mr Manu Vijay

Module:1



Graben & Horst in Fault System



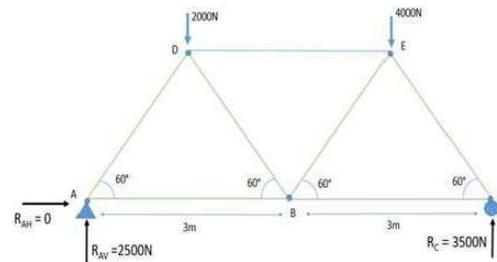
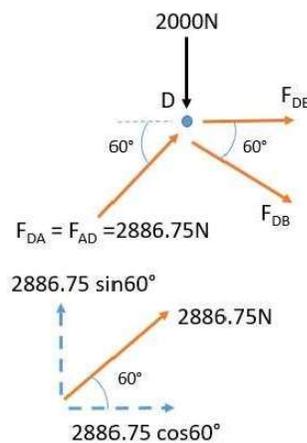
Course: Elements of Civil Engineering and Mechanics

Course Code: 18CV14

Course Coordinator: Mrs Bharthi B

Module:3

Consider Joint D



$$\sum F_y = 0, -2000 + 2886.75 \sin 60^\circ - F_{DB} \sin 60^\circ = 0$$

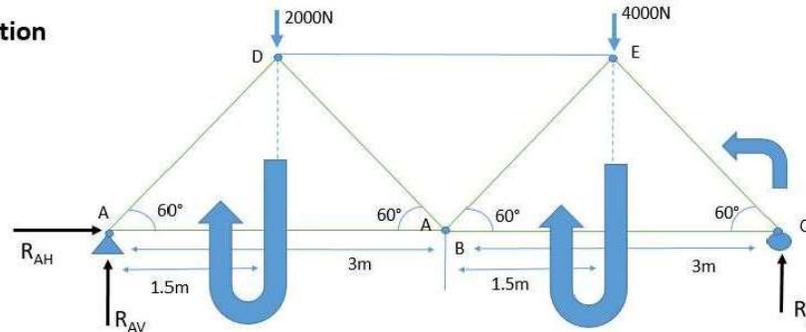
$$F_{DB} = 577.35\text{N (T)}$$

$$\sum F_x = 0, 2886.75 \cos 60^\circ - F_{DE} + F_{DB} \cos 60^\circ = 0$$

$$2886.75 \cos 60^\circ - F_{DE} + 577.35 \cos 60^\circ = 0$$

$$F_{DE} = -1732.05\text{N (C)}$$

Solution



$$\sum F_x = 0, R_{AH} = 0$$

$$\sum F_y = 0, R_{AV} + R_C - 2000 - 4000 = 0$$

$$R_{AV} + R_C = 6000\text{N}$$

Taking moment of forces about A

$$\sum M_A = 0, (R_{AH} * 0) + (R_{AV} * 0) + (2000 * 1.5) + (4000 * 4.5) - (R_C * 6) = 0$$

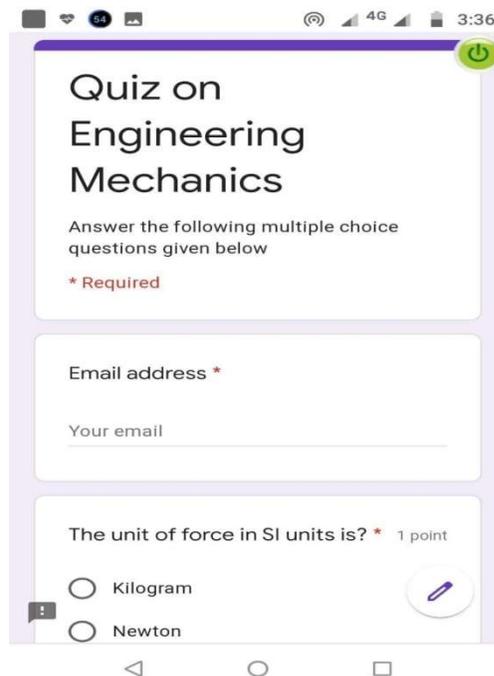
$$R_C = 3500\text{N}$$

Wkt $R_{AV} + R_C = 6000$
 $R_{AV} + 3500 = 6000$ $R_{AV} = 2500\text{N}$

➤ GOOGLE FORM

Google Forms is a survey administration app that is included in the Google Drive office suite along with Google Docs, Google Sheets, and Google Slides. Forms features all of the features found in Docs, Sheets, and Slides.

Quizzes are being conducted for students in various subjects, using Google forms. In addition, it was also used to obtain student responses (feedback) for technical seminar; workshop and other academic oriented activities are obtained using google forms.



Quiz on
Engineering
Mechanics

Answer the following multiple choice
questions given below

* Required

Email address *

Your email _____

The unit of force in SI units is? * 1 point

Kilogram

Newton

Analysis of Indeterminate structures

NAME OF STUDENT:

Email address *

Valid email address

This form is collecting email addresses. [Change settings](#)

Question Multiple choice

<input type="radio"/> b) Bernoulli	X	Continue to next section	▼
<input type="radio"/> c) Maxwell	X	Continue to next section	▼
<input type="radio"/> d) Mohr and manderla	X	Continue to next section	▼
<input type="radio"/> Option 4	X	Continue to next section	▼

➤ STUDENT RESPONSE SYSTEM (SRS)



TurningPoint

Turning point polling software was used by the faculties of the department for student participation in quiz conducted in each course. This was used to improve the focus and bring in more interactivity of student in the course. It also lets you conduct unlimited surveys for insights into the minds of students.

ICLOUD Licensed Student Response System Device is available for student learning evaluation process.

To enhance the problem solving ability in students' student response system through I cloud is conducted through for students. Depending on the complexity of the questions, time is set and Response is logged through polling.

ATME College of Engineering

Department of Civil Engineering

➤ GOOGLE CLASSROOM ASSIGNMENTS

Higher semester students were given with innovative assignments through the google classroom app. Innovative assignments were kind of mini projects in which student had to prepare a report and submit it only through the google classroom. These assignments were also evaluated in the same platform.

The screenshot shows a Google Classroom assignment page. At the top, there is a 'Return' button, an envelope icon, and a '100 points' indicator. The main heading of the assignment is: "1. How human activity can affect the rate of Infiltration and runoff in the local landscape and impact the quality of water readily available for human consumption (OR) 2. Generate Isohyetal maps from topo sheets". Below the heading, a progress bar shows 4 'Turned in' and 2 'Assigned' submissions. A table on the left lists the students and their submission status:

Student	Status	Points
Harish K R	Turned in	100 Draft
harsha raj	Turned in	100 Draft
Manikanta rox	Turned in	100 Draft
Ravikumar S	Turned in	100 Draft

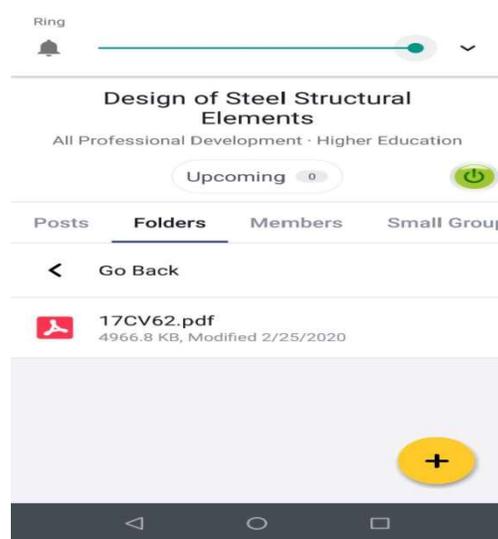
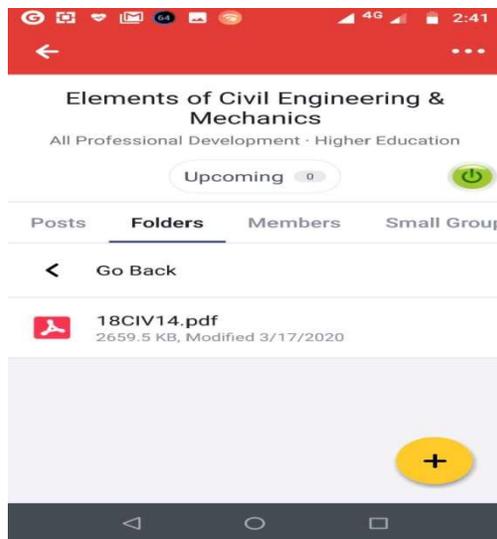
Below the table, four submission cards are visible, each with a student profile picture and a PDF icon:

- Harish K R: Assignment 1, Turned in
- harsha raj: harsharaj j puneeth sir..., Turned in late
- Manikanta rox: Assignment.pdf, Turned in
- Ravikumar S: assignment 1.pdf, Turned in

➤ EDMODO



Edmodo is an educational website that takes the ideas of a social network and refines them and makes it appropriate for a classroom. Using Edmodo, students and teachers can reach out to one another and connect by sharing ideas, problems, and helpful tips. Faculties are sharing Notes, PPT's, Question Banks and recorded videos related to various subjects through EDMODO application.



➤ YOU TUBE CHANNEL



You tube channel has been created for lab purpose titled “Atme Civil Mysore”. Experiments prescribed as per the course syllabus of the university has been conducted and video graphed by faculties and are uploaded in the channel for student perusal.

Sample YouTube Laboratory Videos Link:

Semester	Lab	Course Coordinator	Experiment Name	Link
4th	Fluid Mechanics lab	Mr. Puneeth K Mrs Jyothi D N	Rectangular notch	https://youtu.be/EuKL6AG-21g
			Venturimeter	https://youtu.be/GnF13X9owyU
			V notch experiment	https://youtu.be/hQzg7QpHL8Y
6th	Software lab	Mr. Srivatsha H U	Earth work calculations	https://youtu.be/E3MfqspH39c
			Super Elevation	https://youtu.be/bw0UZi3QP5c
			Analysis of Beams	https://youtu.be/OIgI52ar9vc
5 th semester	Highway materials lab	Mr Rudresh A N	Impact test on aggregate	https://youtu.be/3Koj4Rc7kbM
5 th	Concrete lab	Mr Rudresh A N	Initial setting time of cement	https://youtu.be/JGIIGGOGouo



7 th	Enviornental Enginneirng lab	Mrs Bharathi B	Flame photoameter	https://youtu.be/5Zwf2lan9ww
-----------------	------------------------------------	----------------	-------------------	---

➤ VIRTUAL LABS

Virtual Lab Screenshot

18CVL38-BMTLAB-MANUVJAY
1 view · 0 likes · 0 comments

COMPRESSION TEST ON MILD STEEL

STEP 6 Observations and Calculations.

Result	Actual Value	Entered Value	Percentage Error
Proof Stress(N/mm ²)	126.11	0	100.00
Compressive Strength(N/mm ²)	654.81	0	100.00
Secant Modulus(GPa)	18.6	0	100.00
Tangent Modulus(GPa)	5.51	0	100.00
Modulus of Elasticity(GPa)	22.54	0	100.00

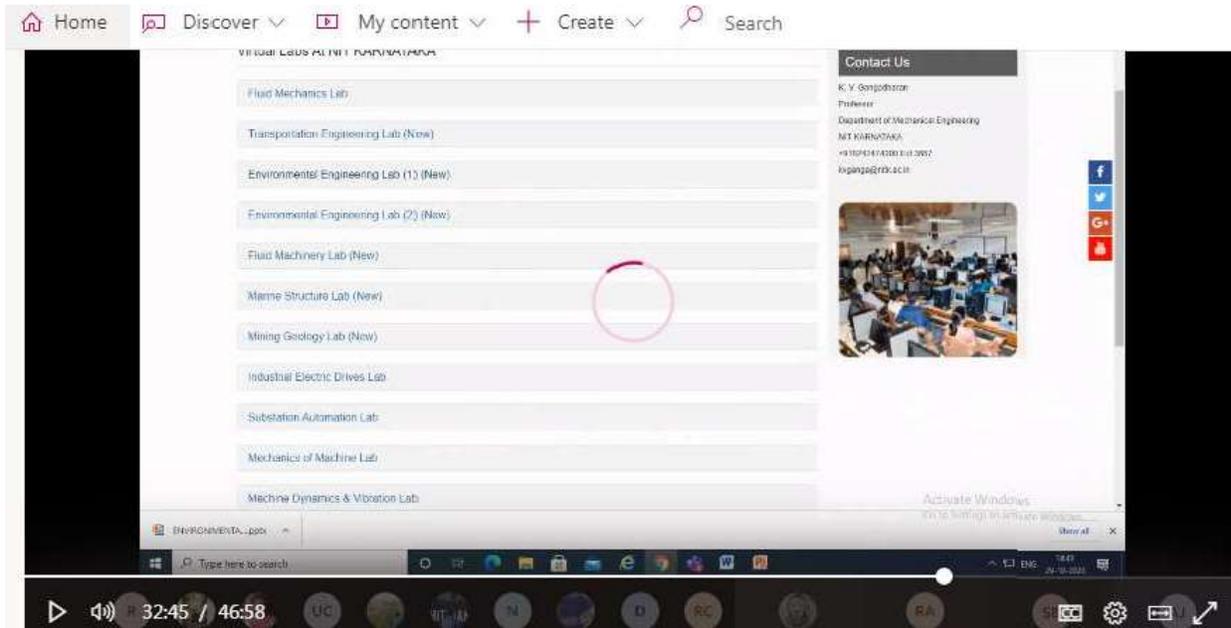
© 2016 - 2020 SOLVE - The Virtual Lab @ NITK Surathkal, Department of Water Resources & Ocean Engineering

Specific Gravity Test

- **Aim/Objective:**
- To determine the specific gravity of given sample of bitumen
- **Apparatus:**
- Specific gravity bottle, 50 ml capacity, Weighing balance, Electric heater

Activate Windows
Go to Settings to activate Windows.

VIRTUAL Lab: Relay and HV Lab



➤ MICROSOFT TEAMS

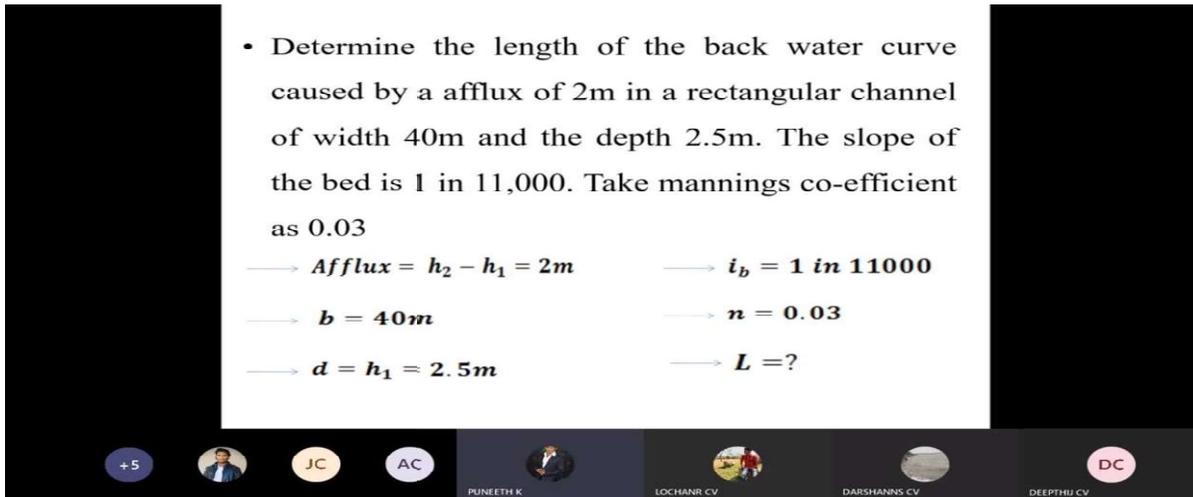


Microsoft Teams is a unified communication and collaboration platform that combines persistent workplace chat, video meetings, file storage (including collaboration on files), and application integration. The service integrates with the Office 365 subscription office productivity suite and features extensions that can integrate with non-Microsoft products. Microsoft Teams is a competitor to services such as Slack and is the evolution and

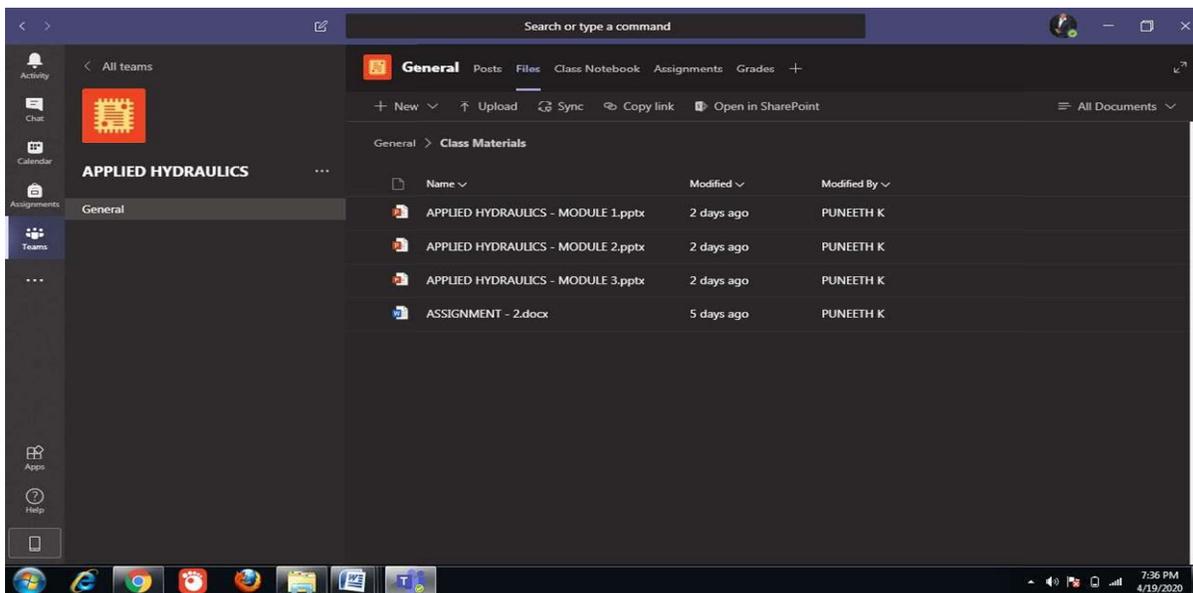
upgrade path from Microsoft Skype for Business.

- Determine the length of the back water curve caused by a afflux of 2m in a rectangular channel of width 40m and the depth 2.5m. The slope of the bed is 1 in 11,000. Take mannings co-efficient as 0.03

\longrightarrow $Afflux = h_2 - h_1 = 2m$ \longrightarrow $i_b = 1 \text{ in } 11000$
 \longrightarrow $b = 40m$ \longrightarrow $n = 0.03$
 \longrightarrow $d = h_1 = 2.5m$ \longrightarrow $L = ?$



During the COVID-19 lockdown period the department faculties have conducted online classes for students and also assignments, quizzes were conducted in the team app for all civil engineering subjects.



The screenshot shows a Microsoft Teams window for a team named 'APPLIED HYDRAULICS'. The 'General' channel is selected, and the 'Class Materials' section is visible. The materials list is as follows:

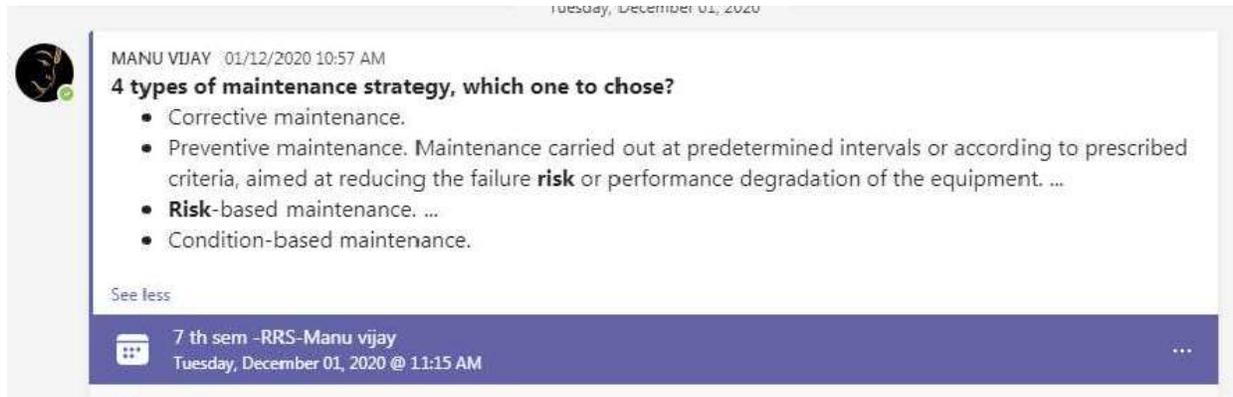
Name	Modified	Modified By
APPLIED HYDRAULICS - MODULE 1.pptx	2 days ago	PUNEETH K
APPLIED HYDRAULICS - MODULE 2.pptx	2 days ago	PUNEETH K
APPLIED HYDRAULICS - MODULE 3.pptx	2 days ago	PUNEETH K
ASSIGNMENT - 2.docx	5 days ago	PUNEETH K

Faculties are sharing Notes, PPT's, Question Banks and recorded videos related to various subjects through "Microsoft Team" application.

1. MS Teams Delivery Sample Screenshots

Manu Vijay
Associate Professor & HoD

Tuesday, December 01, 2020



MANU VIJAY 01/12/2020 10:57 AM

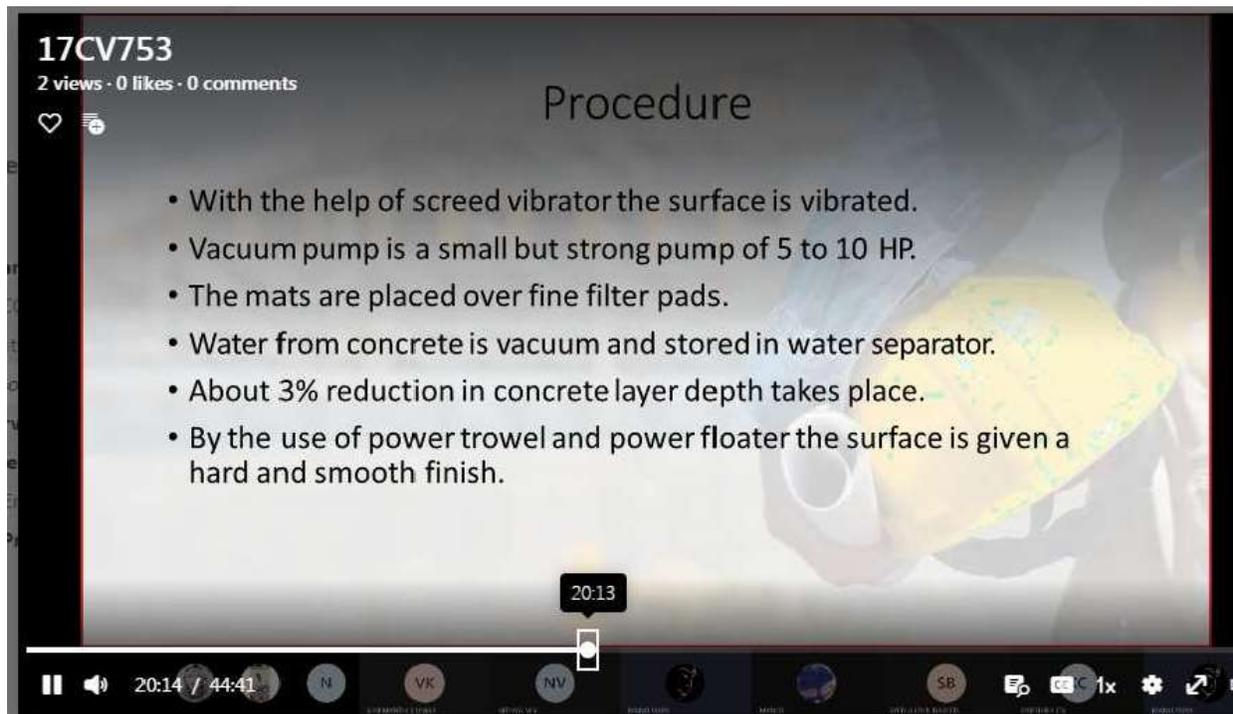
4 types of maintenance strategy, which one to chose?

- Corrective maintenance.
- Preventive maintenance. Maintenance carried out at predetermined intervals or according to prescribed criteria, aimed at reducing the failure **risk** or performance degradation of the equipment. ...
- **Risk**-based maintenance. ...
- Condition-based maintenance.

See less

7 th sem -RRS-Manu vijay
Tuesday, December 01, 2020 @ 11:15 AM

17CV753
2 views · 0 likes · 0 comments



Procedure

- With the help of screed vibrator the surface is vibrated.
- Vacuum pump is a small but strong pump of 5 to 10 HP.
- The mats are placed over fine filter pads.
- Water from concrete is vacuum and stored in water separator.
- About 3% reduction in concrete layer depth takes place.
- By the use of power trowel and power floater the surface is given a hard and smooth finish.

20:13

20:14 / 44:41

Dr Akashaya B J
Associate Professor

AJ

AKSHAYA B J 04/01 4:48 PM
Dear Students,
Topic of discussion for this class are:
1. permeability in isotropic layered soils, Permeability un-isotropic layered soils,
2. Numerical problems

See more

17CV742- Permeability in isotropic layered soils, Steady one dimensional flow (repetition class)
Tuesday, January 05, 2021 @ 10:00 AM

- Collapse all

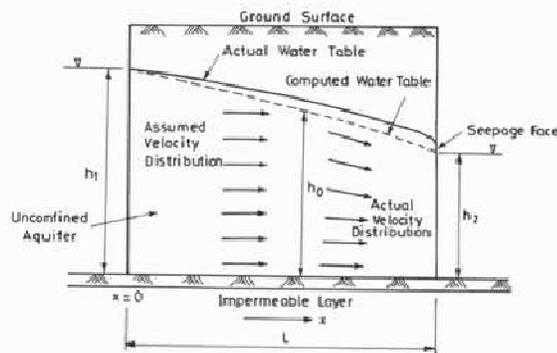
- Meeting ended: 11s
- 17CV742- Permeability in isotropic layered soils, Steady one dimensional flow (repetition class) ended: 2m 4s AJ
- 17CV742- Permeability in isotropic layered soils, Steady one dimensional flow (repetition class) ended: 34m 48s

32m 27s

17CV742- Permeabilit...
Recorded by: AKSHAYA B J

- Meeting ended: 9s
- Meeting ended: 8s

Steady Flow in Unconfined Aquifers



- The water table constitutes the upper boundary of the groundwater flow region complicates flow determination. The shape of the water table determines the flow distribution, but at the same time the flow distribution governs the water-table shape.
- The saturated thickness of unconfined aquifers decreases in the direction of flow. If there is no recharge or evaporation, the quantity of water flowing through the left side (upstream end) is equal to that flowing through the right side (downstream end).
- The water-table gradient in unconfined flow is not constant; rather it increases in the direction of flow

Participant icons: +2, NK, AA, SB, SC, AC, D, KA, AJ

Mr. Srivatsha H U
Assistant Professor



17/CV/2 - Design of RCC and Ste... Posts Files Notes +

Design of Gantry Girder

14 views · 0 likes · 0 comments

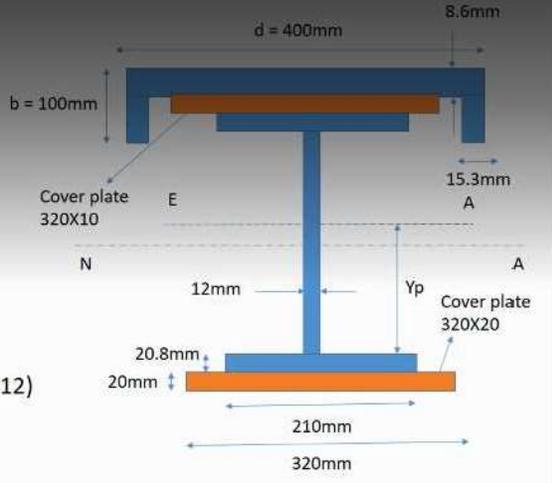
	ISMC400
Area	156.21cm ² / 62.93cm ²
Depth	600mm / 400mm
Breadth	210mm / 100mm
Thickness of flange	20.8mm / 15.3mm
Thickness of web	12mm / 8.6mm
Centroidal axis	- / 24.2mm

Location of Equal area axis

Total area = (320X20) + (210X20.8) + (Yp X 12)

15621 = (320X20) + (210X20.8) + (Yp X 12)

Yp = 404.41mm



The diagram shows a T-girder cross-section. The top flange has a total width of 400mm (d = 400mm) and a thickness of 20.8mm. The web has a thickness of 12mm. The bottom flange has a total width of 320mm and a thickness of 20mm. Two cover plates are attached: a 320x10mm plate on the top flange and a 320x20mm plate on the bottom flange. The distance from the centerline of the web to the outer edge of the top flange is 15.3mm. The distance from the centerline of the web to the outer edge of the bottom flange is 8.6mm. The centroidal axis is labeled 'N' and 'A'. The distance from the centerline of the web to the equal area axis is labeled 'Yp'.

0:01:04 / 1:04:39

Mr. Puneeth K
Assistant Professor

PUNEETH K 15/12/2020 9:53 AM
Course - Basic Geo-technical Engineering
Course Coordinator - Puneeth K
Topic of Discussion:-
1. Problems on Consolidation Characteristics of soil

See more

CV-5th sem-A sec-15.12.2020-BGT-18CV54-Mod5-Problems on consolidation characteristics of soil
Tuesday, December 15, 2020 @ 10:00 AM

- Collapse all

- Meeting ended: 13s
- Meeting ended: 9s
- CV-5th sem-A sec-15.12.2020-BGT-18CV54-Mod5-Problems on consolidation characteristics of soil started
Meeting Recorded by: PUNEETH K
51m 19s
- Meeting ended: 56m 54s
- Meeting ended: 20s

CV-5th sem-A sec-15.12.2020-BGT-18CV54-Mod5-Problems on consolidation cha

6 views · 0 likes · 0 comments

$k = C_v \times m_v \times \gamma_w$

Coefficient of volume compressibility,

$$m_v = \frac{a_v}{1 + e_0} = \frac{0.003}{1 + 1.5} = 1.2 \times 10^{-3} \text{ m}^2/\text{kN}$$

Coefficient of consolidation,

$$C_v = \frac{k}{m_v \times \gamma_w} = \frac{10^{-9}}{1.2 \times 10^{-3} \times 9.81} = 8.49 \times 10^{-8} \text{ m}^2/\text{sec}$$

Time factor, $T_v = \frac{C_v \times t}{d^2}$

$$0.2 = \frac{8.49 \times 10^{-8} \times t}{(4.5)^2}$$

Time taken, 17703180.2 sec

17:20

MS Teams Screenshot Project Evaluation:

TESTS ON PERVIOUS CONCRETE

COMPRESSIVE STRENGTH OF PERVIOUS CONCRETE:

- Out of many test applied to the concrete, this is the utmost important which gives an idea about all the characteristics of concrete.
- Compressive strength of concrete depends on many factors such as water-cement ratio, cement strength, quality of concrete material etc.,
- Test for compressive strength is carried out either on cube or cylinder.



Fig: compression test



Fig: Standard cube mould

Internship Evaluation:

Meeting in "General" LITHOLOGY MAP

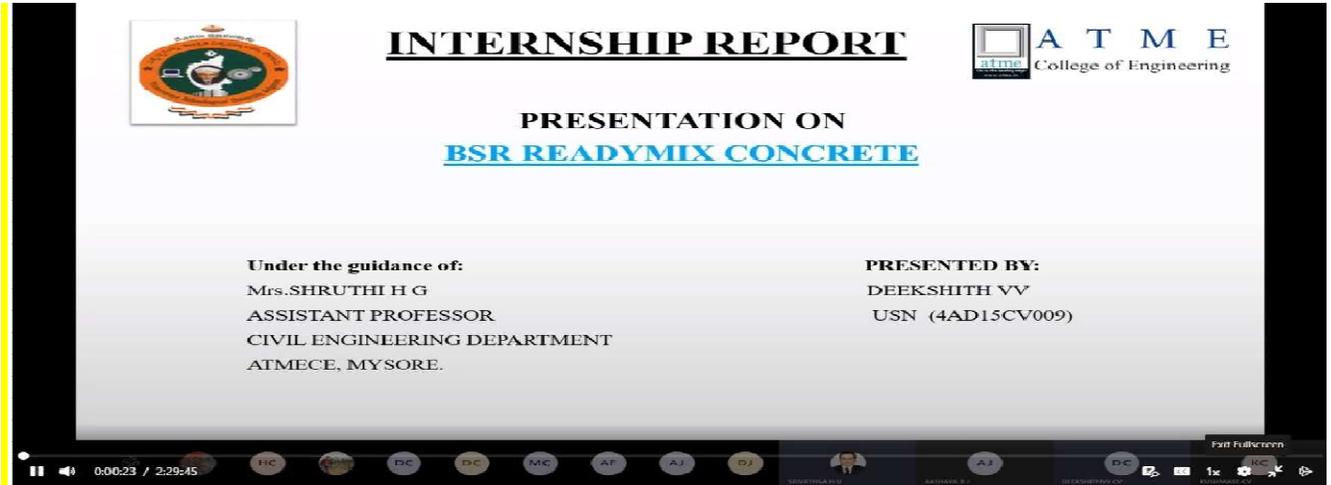
1 view · 0 likes · 0 comments



Lithology Map Of Periyapatana Taluk

Geologically, the Taluk is mainly composed of igneous and metamorphic rocks of Pre-Cambrian age either exposed at the surface or covered with a thin mantle of residual and transported soils.

LITHOLOGY MAP		
LITHOLOGICAL UNITS	AREA (km ²)	AREA IN PERCENTAGE
Amphibolitic Metapelitic Schist/Politic,CAL	14.2543	1.31
Charnockite	251.8821	23.26
Migmatites And Granodiorite -Tonalitic Gneiss	816.7299	75.42
Total	1082.866	100



INTERNSHIP REPORT

PRESENTATION ON
BSR READYMIX CONCRETE

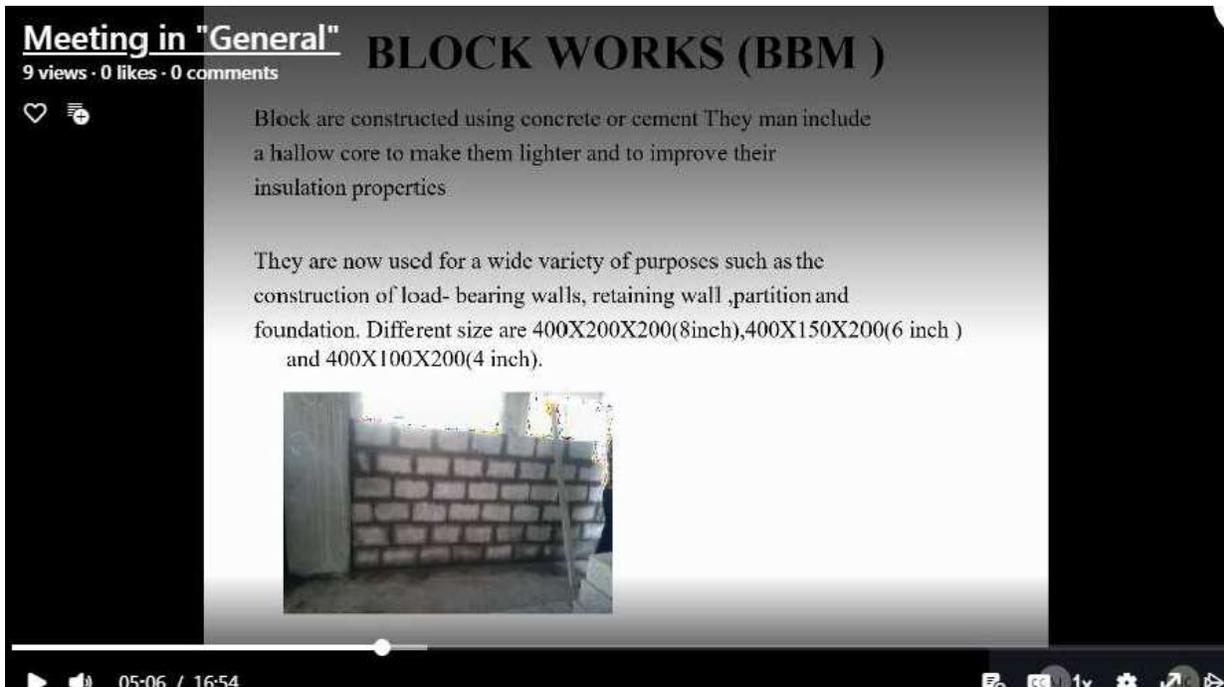
Under the guidance of:
Mrs. SHRUTHI H G
ASSISTANT PROFESSOR
CIVIL ENGINEERING DEPARTMENT
ATMECE, MYSORE.

PRESENTED BY:
DEEKSHITH VV
USN (4AD15CV009)

ATME College of Engineering

0:00:23 / 2:29:45

Seminar Evaluation



Meeting in "General" **BLOCK WORKS (BBM)**

9 views · 0 likes · 0 comments

Block are constructed using concrete or cement They man include a hallow core to make them lighter and to improve their insulation properties

They are now used for a wide variety of purposes such as the construction of load- bearing walls, retaining wall ,partition and foundation. Different size are 400X200X200(8inch),400X150X200(6 inch) and 400X100X200(4 inch).



05:06 / 16:54

Sample MS Teams Links

Note: Official ID Required to access

2020-2021[ODD Semester]

Course	Code	Faculty	Module	Link of AV files
MC	18CV51	Mandeep G	5	https://web.microsoftstream.com/video/a0117e80-8667-4552-821c-7e58f0d962dc

Course	Code	Faculty	Module	Link of AV files
MWE	17CV71	Mrs Jyothi D N	3	https://web.microsoftstream.com/video/12958c13-316e-4b11-b1af-d8c231b9dc8b

2020-2021[Even Semester]

Course	Code	Faculty	Module	Link of AV files
WSE	18CV46	Dr.Suneeth Kumar C	1	https://web.microsoftstream.com/video/64499cbe-c347-4f39-a6b8-1b4629108f34

II Semester:

Course	Code	Faculty	Module	Link of AV files
BCE	18ECE24	Mrs Bharathi B	2	https://web.microsoftstream.com/video/76be5211-c74e-4705-9270-48999ac57caa

VIII Semester:

Course	Code	Faculty	Module	Link of AV files
QSC	17CV81	Mr.Puneeth K	M5	https://web.microsoftstream.com/video/7e21c213-18da-49be-a661-7e1c7609a439
DPCE	17CV82	Mr.Mandeep G	M4	https://web.microsoftstream.com/video/a2266431-3fe8-4367-98a4-5115304c678c

VI Semester:

Course	Code	Faculty	Module	Link of AV files
AGT	18CV62	Mrs. Shruthi H G	M4	https://web.microsoftstream.com/video/46626b05-921d-4f51-a980-cd346a5b864d
RHTA	18CV645	Mr Rudresh A N	M5	https://web.microsoftstream.com/video/b35c44cc-96ad-48c5-b5ad-ac6105d52c27

IV Semester:

Course	Code	Faculty	Module	Link of AV files
ADS	18CV42	Mrs. Shashank P	2	https://web.microsoftstream.com/video/1c4064df-68bc-4a77-b0d9-e78c2c614b13
CT	18CV44	Mr. Srivathsa H U	5	https://web.microsoftstream.com/video/7a2fdcfb-baac-4524-827c-52896b9a941a

ATME College of Engineering

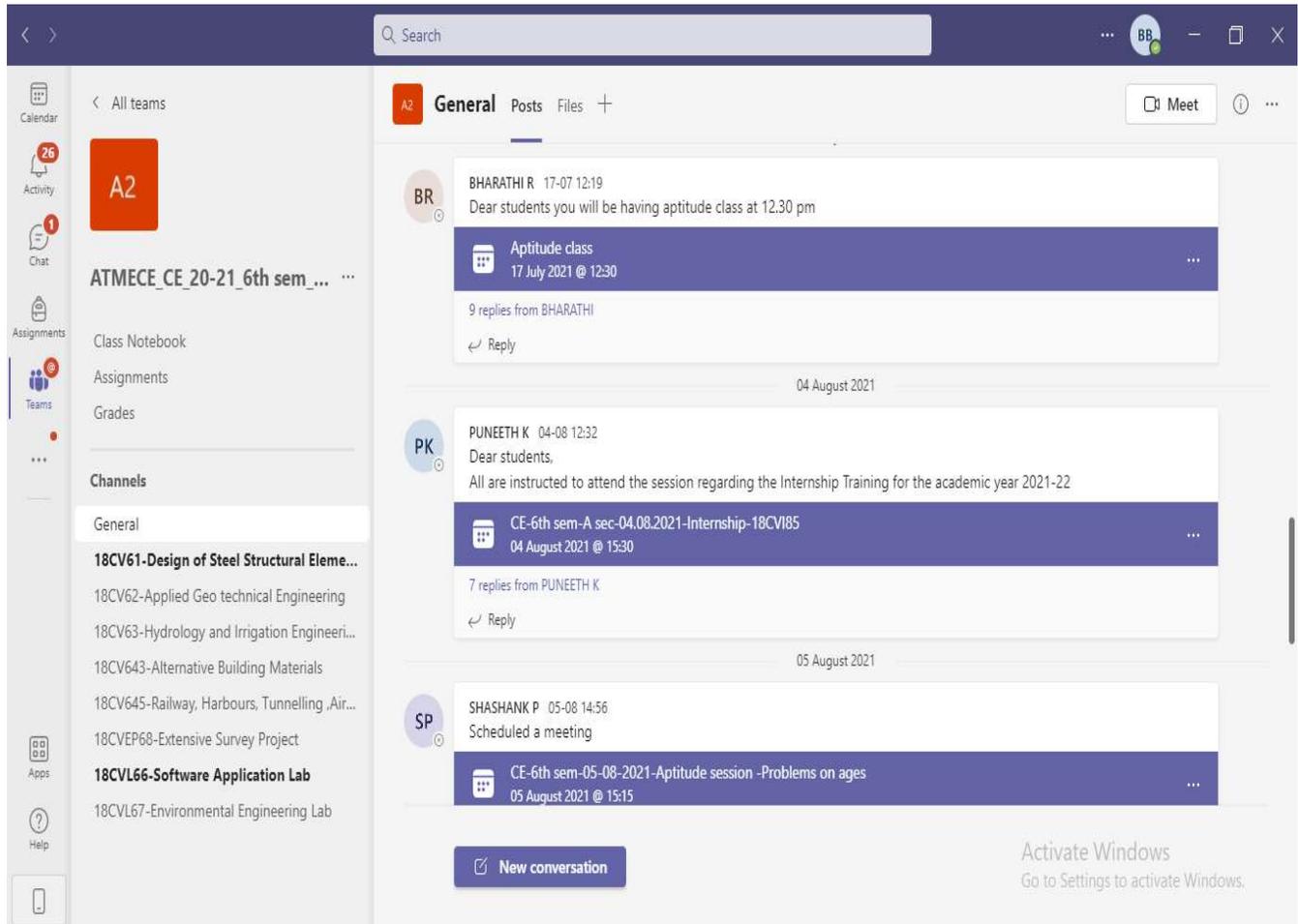
Department of Civil Engineering

MS Teams Channel Screenshot

The screenshot shows the Microsoft Teams interface for a channel named "18CV44-Concrete Technology". The left sidebar contains navigation options: Calendar, Activity (26), Chat (1), Assignments, Class Notebook, Assignments, Grades, and Channels. The Channels list includes: General, 18CPC49-Constitution of India, Professi..., 18CV42-Analysis of Determinate Structures, 18CV43-Applied Hydraulics, 18CV44-Concrete Technology (selected), 18CV45-Advanced Surveying, 18CV46-Water Supply and Treatment En..., 18CVL47-Engineering Geology Lab, 18CVL48-Fluid Mechanics and Hydraulic..., and 18MAT41-Engineering Mathematics.

The main content area shows a message from "SRIVATHSA H U" dated 07-08 11:33. The message text is "Dear all" followed by "I will discuss on High strength & High Performance concrete". Below the message is a "See more" link. A meeting card is displayed below the message, titled "CE - 4th A - 7/8/21 - CT -18CV44 - Module 5 - High Strength & High Performance Concrete", dated 07 August 2021 @ 12:15. The meeting card shows a video thumbnail and the text "Meeting started" and "Recorded by: SRIVATHSA H U". Below the meeting card, it says "Meeting ended: 51m 39s".

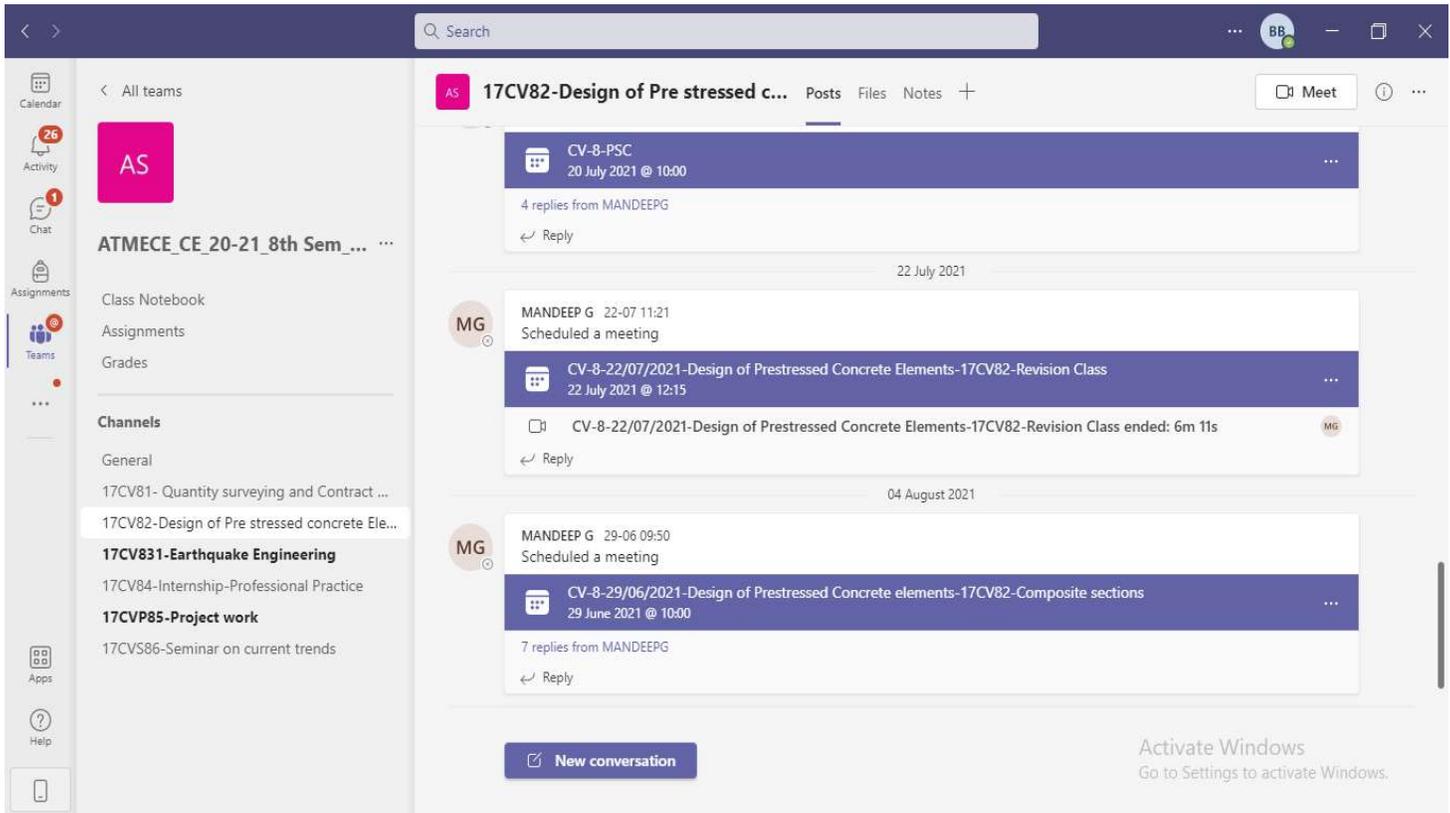
At the bottom of the channel, there is a "New conversation" button and a Windows watermark that says "Activate Windows Go to Settings to activate Windows."



The screenshot shows a Microsoft Teams chat window for a channel named "ATMECE_CE_20-21_6th sem...". The interface includes a search bar at the top, a left-hand navigation pane with icons for Calendar, Activity (26), Chat (1), Assignments, Teams, and Help, and a main chat area. The chat area displays three messages:

- Message 1:** From BHARATHI R (BR) on 17-07 12:19. Text: "Dear students you will be having aptitude class at 12.30 pm". A calendar event card follows: "Aptitude class" on 17 July 2021 @ 12:30. It has 9 replies from BHARATHI.
- Message 2:** From PUNEETH K (PK) on 04-08 12:32. Text: "Dear students, All are instructed to attend the session regarding the Internship Training for the academic year 2021-22". A calendar event card follows: "CE-6th sem-A sec-04.08.2021-Internship-18CVI85" on 04 August 2021 @ 15:30. It has 7 replies from PUNEETH K.
- Message 3:** From SHASHANK P (SP) on 05-08 14:56. Text: "Scheduled a meeting". A calendar event card follows: "CE-6th sem-05-08-2021-Aptitude session -Problems on ages" on 05 August 2021 @ 15:15.

At the bottom of the chat area, there is a "New conversation" button and a Windows activation watermark: "Activate Windows Go to Settings to activate Windows."



The screenshot shows a Microsoft Teams chat window for a team named "17CV82-Design of Pre stressed c...". The interface includes a search bar at the top, a left-hand navigation pane with icons for Calendar, Activity (26), Chat (1), Assignments, Teams, and Apps, and a main chat area. The chat area displays a conversation history with several messages:

- A message from "AS" (20 July 2021 @ 10:00) with 4 replies from MANDEEPPG.
- A separator line for "22 July 2021".
- A message from "MANDEEP G" (22-07 11:21) stating "Scheduled a meeting".
- A message from "AS" (22 July 2021 @ 12:15) with a meeting icon.
- A message from "MG" (CV-8-22/07/2021-Design of Prestressed Concrete Elements-17CV82-Revision Class ended: 6m 11s).
- A separator line for "04 August 2021".
- A message from "MANDEEP G" (29-06 09:50) stating "Scheduled a meeting".
- A message from "AS" (CV-8-29/06/2021-Design of Prestressed Concrete elements-17CV82-Composite sections) with 7 replies from MANDEEPPG.

At the bottom of the chat area, there is a "New conversation" button and an "Activate Windows" watermark.

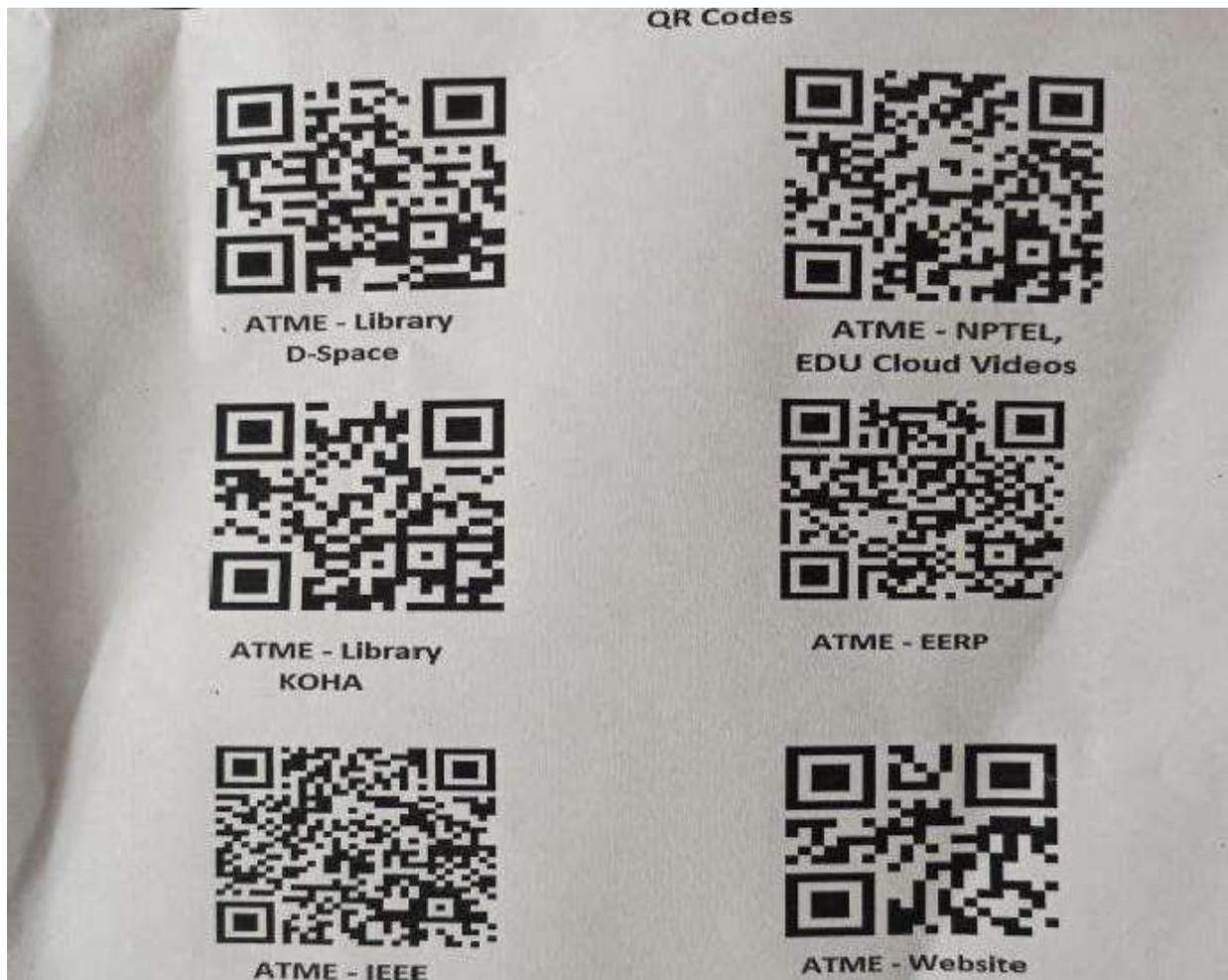
EDUSAT/Digital Library

NPTEL/EDUSAT Video Lecture Session



Digital Library

Students can access Learning resources through digital library



Instructional Materials:

- ATME Library is a resource center for teaching, learning & research.
- Library has e-Learning Centre, Reference Section and Journals/Magazines.
- Library holds a hybrid collection of printed as well as electronic resources which include books, journals, databases, audio-visuals, CDs/DVDs, e-books, e-journals, reports, course materials; previous years' question papers, Bound Volumes, Project Reports, case studies, conference proceedings, training manuals, etc.
- As the e-journals access is IP based, the stakeholders can take benefit of this facility from anywhere in the campus at any time. Some of them are listed in table

Sl.No.	DATABASE NAME	WEBSITE
1	IEEE Xplore Digital Library	http://ieeexplore.ieee.org/
2	Science Direct	http://www.sciencedirect.com/
3	Springer (E-Journals & E-Books)	http://link.springer.com/
4	NPTEL online videos	http://www.nptelvideos.com/
5	ProQuest	http://search.proquest.com/

National Digital Library Of India

ATMECE is a member of the National digital Library. The Ministry of Human Resource Development, Govt. of India, under its National Mission on Education through Information and Communication Technology has entrusted IIT Khargapur to host, coordinate and set-up National Digital Library towards building a national Institutional Repository. The NDL facilitated to search and access the following fulltext e-content through a single window.

- Educational materials ranging from primary to post-graduate levels.
- Repository hosts contents from multiple subject domains like Technology, science, Humanities, Agriculture and others.
- More than 60 types of learning resources are available.
- 10 million items have been authored by 3 lakh authors.
- Items are available in more than 70 languages.
- Repository integrates contents from different Indian institutional repositories.



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ATME College of Engineering

ATME Digital Library - NPTEL and E-Shikshana (VTU) Videos



Username

Password



NOTE : ATMECE Students and Staff can access Digital Library with your login credentials provided by College
EXAMPLE : Username : Staff ID / Student ID & Password : Provided by College for internet access

Not secure | http://www.elearning.vtu.ac.in

366

e-Contents Available

857

Course Experts Participated

15120

Hours of Videos

e-Content Repository

[Click Here](#)

VTU E-LEARNING CENTRE, MYSURU

The VTU e-Learning Centre was established in August 2003 in Mysuru with the main aim of facilitating distance education and training to the students and faculty of VTU through satellite and web. Currently, VTU e-Learning Centre has migrated from satellite based EDUSAT programme to web based eShikshana programme.

The objectives are:

- Create e-Shikshana web based distance education facility using Network Multimedia Based Data Broadcasting System (NMBDBS)
- Collect, process and disseminate content developed by the faculty drawn from both academia and industry.
- Create web-based e-learning facility
- Provide interaction/guidance/feedback tools to learners and act as a facilitator between the students and the faculty.

Live Sessions

Webinar

Notifications

[e-Shikshana YouTube Channel](#)

e-Contents for Odd Semester

[Basic Sciences](#)

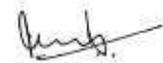
[Civil Engineering](#)

[Computer Science and Engineering](#)

[Electronics and Communication Engineering](#)

[Electricals and Electronics Engineering](#)

[Mechanical Engineering](#)



HOD HOD

Department of Civil Engineering
ATME College of Engineering
Mysore-570 026

Student Learning Resources

Student Learning Resources are made available in

- **College website**
- **Cerp**
- **Flipped classroom**

College website

Study materials like Course Module, Lesson Plan, Notes, PPT, Lab Manual are available in Institution website for student access.

Website Link: <https://atme.in/civil-engineering/civil-resources/>

Academic Year – 2020-2021								
Course Details & Content								
3rd Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Madhusudhan K V	CLICK	CLICK	CLICK	CLICK	CLICK
2	18CV32	Strength of Materials	P Shashank	CLICK	CLICK	CLICK	CLICK	CLICK
3	18CV33	Fluid Mechanics	Dr Akshaya B J	CLICK	CLICK	CLICK	CLICK	CLICK
4	18CV34	Building Materials and Construction	Srivathsa H U	CLICK	CLICK	CLICK	CLICK	CLICK
5	18CV35	Basic Surveying	Rudresh A N	CLICK	CLICK	CLICK	CLICK	CLICK
6	18CV36	Engineering Geology	–	CLICK	CLICK	CLICK	CLICK	CLICK
7	18CVL37	Computer Aided Building Planning & Drawing	P Shashank	CLICK	CLICK	CLICK	CLICK	CLICK
8	18CVL38	Building Materials Testing Laboratory	Jyothi D N	CLICK	CLICK	CLICK	CLICK	CLICK
10	18MATDIP31	Additional Mathematics – I	Madhusudhan K V	CLICK	CLICK	CLICK	CLICK	CLICK
5th Semester								
						NOTES /		

Civil

About The Department

Infrastructure

Faculty Details

Student Learning Centric

Achievements

Research Initiatives

Industry Interface

Placement

Co-curricular & extra curricular activities

Teachers teaching analysis

Counselling module

E-News Letter

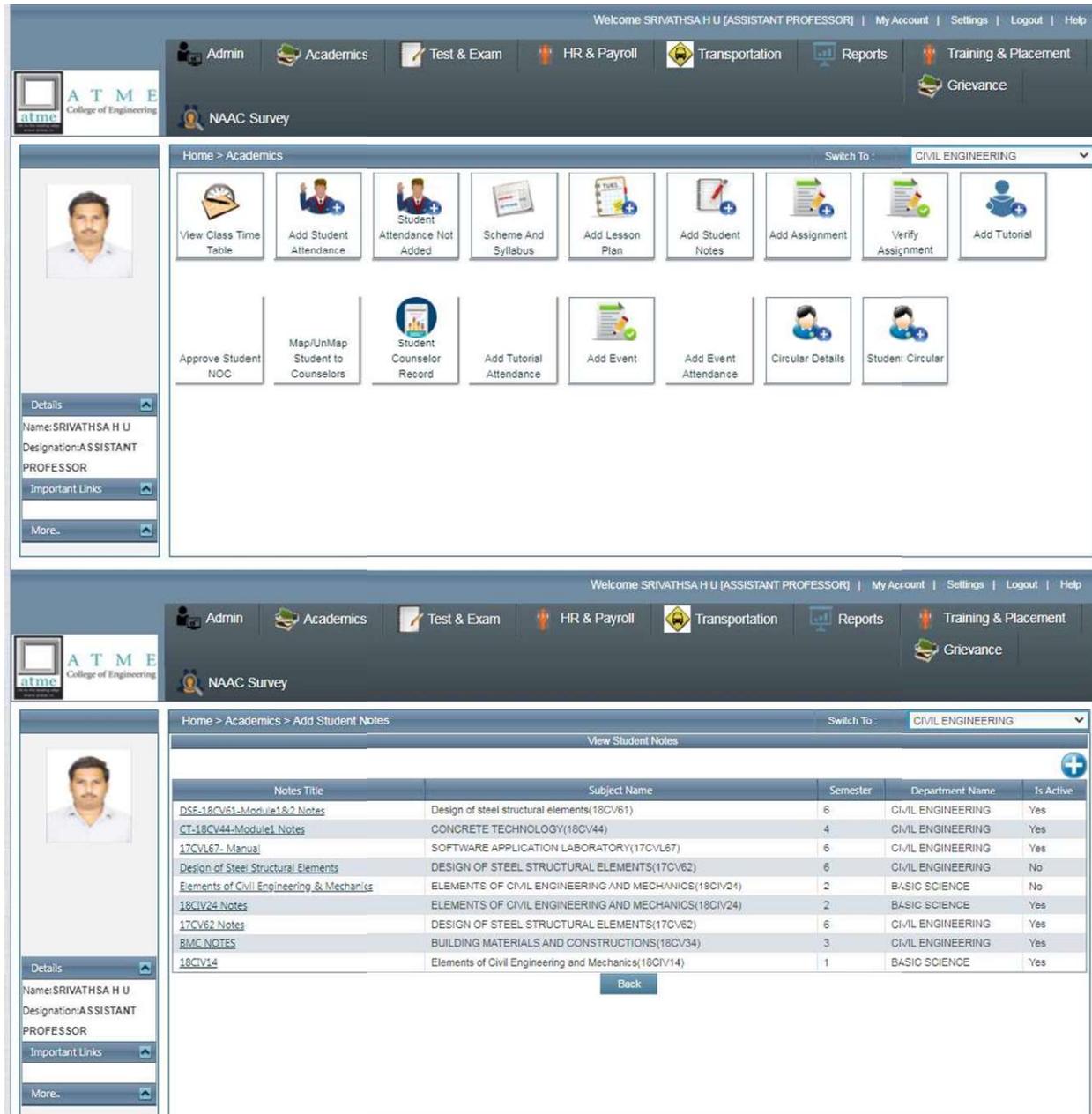
Department of Civil Engineering

Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
11	18CV51	Construction Management & Entrepreneurship	Mandeep G	CLICK	CLICK	CLICK	CLICK	CLICK
12	18CV52	Analysis of Indeterminate Structures	Manu Vijay	CLICK	CLICK	CLICK	CLICK	CLICK
13	18CV53	Design of RC Structural Elements	Shruthi H G	CLICK	CLICK	CLICK	CLICK	CLICK
14	18CV54	Basic Geotechnical Engineering	Puneeth K	CLICK	CLICK	CLICK	CLICK	CLICK
15	18CV55	Municipal Wastewater Engineering	Dr Suneeth Kumar K M	CLICK	CLICK	CLICK	CLICK	CLICK
16	18CV56	Highway Engineering	Bharathi B	CLICK	CLICK	CLICK	CLICK	CLICK
17	18CVL57	Surveying Practice	Rudresh A N	CLICK	CLICK	CLICK	CLICK	CLICK
18	18CVL58	Concrete and Highway Materials Laboratory	Mandeep G	CLICK	CLICK	CLICK	CLICK	CLICK
19	18CIV59	Environmental Studies	-	CLICK	CLICK	CLICK	CLICK	CLICK
7th Semester								
Sl. No.	Subject/ Lab Name	Subject/Lab Code	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
20	17CV71	Municipal and Industrial Waste Water Engineering	Jyothi D N	CLICK	CLICK	CLICK	CLICK	CLICK
21	17CV72	Design of RCC and Steel Structures	Srivathsa H U	CLICK	CLICK	CLICK	CLICK	CLICK
22	17CV73	Hydrology and Irrigation Engineering	Rudresh A N	CLICK	CLICK	CLICK	CLICK	CLICK
23	17CV742	Ground Water & Hydraulics	Dr Akshaya B J	CLICK	CLICK	CLICK	CLICK	CLICK
24	17CV753	Rehabilitation and Retrofitting of Structures	Manu Vijay	CLICK	CLICK	CLICK	CLICK	CLICK
25	17CVL76	Environmental Engineering Laboratory	Bharathi B	CLICK	CLICK	CLICK	CLICK	CLICK
26	17CVL77	Computer Aided Detailing of Structures	Srivathsa H U	CLICK	CLICK	CLICK	CLICK	CLICK

Study Materials are also shared through AIMS

Academic Information Management System

- Notes and PPT
- CERP Link : <https://eerp.effia.co.in/Webforms/frmLogin.aspx>

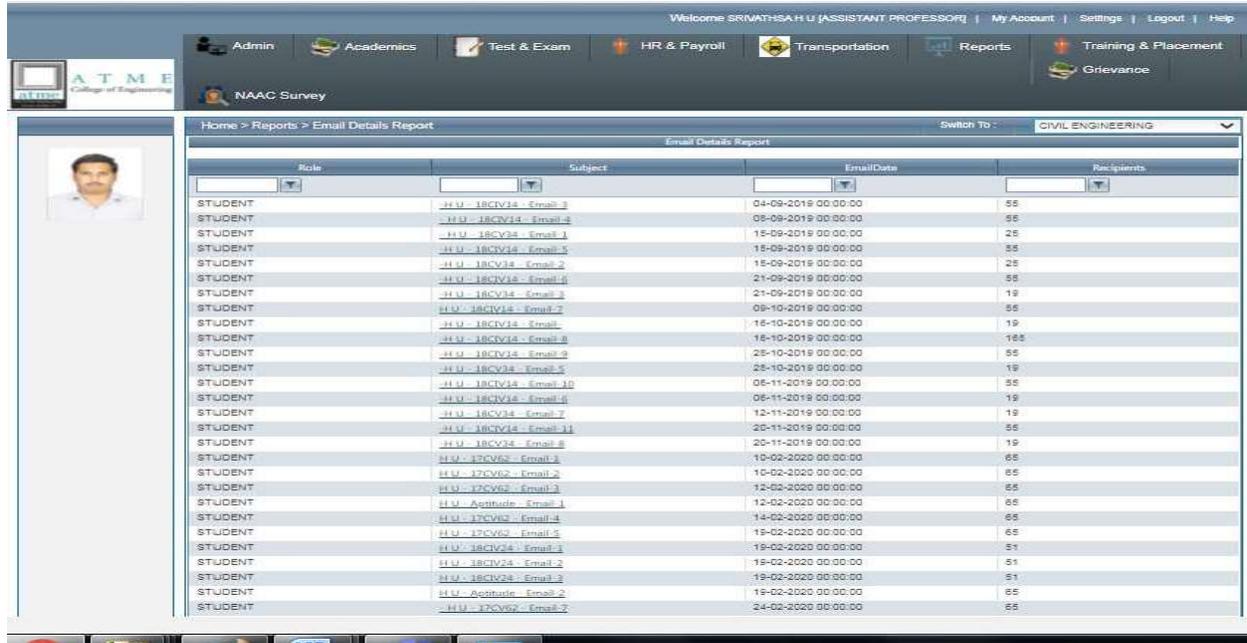


The screenshot displays the AIMS web application interface. At the top, a navigation bar includes links for Admin, Academics, Test & Exam, HR & Payroll, Transportation, Reports, Training & Placement, and Grievance. The user is logged in as SRIVATHSA H U, an Assistant Professor. The main content area is titled 'Home > Academics' and features a grid of icons for various academic functions such as 'View Class Time Table', 'Add Student Attendance', 'Student Attendance Not Added', 'Scheme And Syllabus', 'Add Lesson Plan', 'Add Student Notes', 'Add Assignment', 'Verify Assignment', 'Add Tutorial', 'Approve Student NOC', 'Map/UnMap Student to Counselors', 'Student Counselor Record', 'Add Tutorial Attendance', 'Add Event', 'Add Event Attendance', 'Circular Details', and 'Student Circular'. The 'Add Student Notes' function is selected, leading to a table of existing notes.

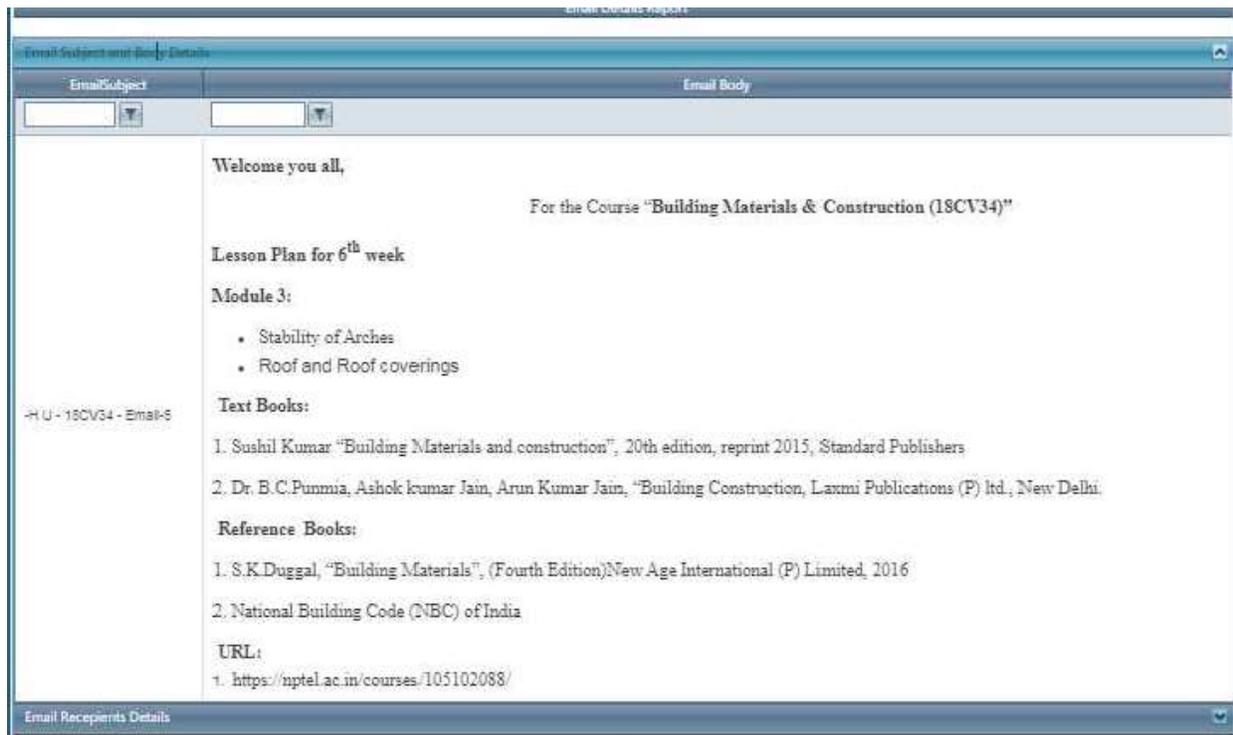
Notes Title	Subject Name	Semester	Department Name	Is Active
DSE-18CV61-Module1&2 Notes	Design of steel structural elements(18CV61)	6	CIVIL ENGINEERING	Yes
CT-18CV44-Module1 Notes	CONCRETE TECHNOLOGY(18CV44)	4	CIVIL ENGINEERING	Yes
17CVL67- Manual	SOFTWARE APPLICATION LABORATORY(17CVL67)	6	CIVIL ENGINEERING	Yes
Design of Steel Structural Elements	DESIGN OF STEEL STRUCTURAL ELEMENTS(17CV62)	6	CIVIL ENGINEERING	No
Elements of Civil Engineering & Mechanics	ELEMENTS OF CIVIL ENGINEERING AND MECHANICS(18CIV24)	2	BASIC SCIENCE	No
18CIV24 Notes	ELEMENTS OF CIVIL ENGINEERING AND MECHANICS(18CIV24)	2	BASIC SCIENCE	Yes
17CV62 Notes	DESIGN OF STEEL STRUCTURAL ELEMENTS(17CV62)	6	CIVIL ENGINEERING	Yes
BMC NOTES	BUILDING MATERIALS AND CONSTRUCTIONS(18CV34)	3	CIVIL ENGINEERING	Yes
18CIV14	Elements of Civil Engineering and Mechanics(18CIV14)	1	BASIC SCIENCE	Yes

Flipped Classroom:

To enhance the learning ability and problem solving ability preface of the topic to be Delivered is sent to students through College Enterprise Resource Planning.



Role	Subject	EmailDate	Recipients
STUDENT	H U - 18CV34 - Email 3	04-09-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 4	05-09-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 1	15-09-2019 00:00:00	25
STUDENT	H U - 18CV34 - Email 5	15-09-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 2	15-09-2019 00:00:00	25
STUDENT	H U - 18CV34 - Email 4	21-09-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 3	21-09-2019 00:00:00	19
STUDENT	H U - 18CV34 - Email 7	08-10-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 6	16-10-2019 00:00:00	19
STUDENT	H U - 18CV34 - Email 8	16-10-2019 00:00:00	165
STUDENT	H U - 18CV34 - Email 9	23-10-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 5	23-10-2019 00:00:00	19
STUDENT	H U - 18CV34 - Email 10	06-11-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 6	06-11-2019 00:00:00	19
STUDENT	H U - 18CV34 - Email 7	12-11-2019 00:00:00	19
STUDENT	H U - 18CV34 - Email 11	20-11-2019 00:00:00	55
STUDENT	H U - 18CV34 - Email 8	20-11-2019 00:00:00	19
STUDENT	H U - 17CV62 - Email 3	10-02-2020 00:00:00	65
STUDENT	H U - 17CV62 - Email 2	10-02-2020 00:00:00	65
STUDENT	H U - 17CV62 - Email 3	12-02-2020 00:00:00	65
STUDENT	H U - Aesthude - Email 1	12-02-2020 00:00:00	65
STUDENT	H U - 17CV62 - Email 4	14-02-2020 00:00:00	65
STUDENT	H U - 17CV62 - Email 5	15-02-2020 00:00:00	65
STUDENT	H U - 18CV34 - Email 1	19-02-2020 00:00:00	51
STUDENT	H U - 18CV34 - Email 2	19-02-2020 00:00:00	51
STUDENT	H U - 18CV34 - Email 3	19-02-2020 00:00:00	51
STUDENT	H U - Aesthude - Email 2	19-02-2020 00:00:00	65
STUDENT	H U - 17CV62 - Email 2	24-02-2020 00:00:00	65



Welcome you all,

For the Course "Building Materials & Construction (18CV34)"

Lesson Plan for 6th week

Module 3:

- Stability of Arches
- Roof and Roof coverings

Text Books:

- Sushil Kumar "Building Materials and construction", 20th edition, reprint 2015, Standard Publishers
- Dr. B.C.Punmia, Ashok kumar Jain, Arun Kumar Jain, "Building Construction, Laxmi Publications (P) ltd., New Delhi

Reference Books:

- S.K.Duggal, "Building Materials", (Fourth Edition) New Age International (P) Limited, 2016
- National Building Code (NBC) of India

URL:

- <https://nptel.ac.in/courses/105102088/>

Welcome SRIVATHSA H U [ASSISTANT PROFESSOR] | My Account | Settings | Logout | Help

Admin Academics Test & Exam HR & Payroll Transportation Reports Training & Placement Grievance

NAAC Survey

Home > Reports > Email Details Report Switch To: CIVIL ENGINEERING

Email Details Report

Email Subject and Body Details

Email Recipients Details

ToMail	Sent Date	Sent
akshubir2@gmail.com	28/10/2019	Yes
amruthak2000@yahoo.com	28/10/2019	Yes
anushade2001@gmail.com	28/10/2019	Yes
bheemanagouda4321@gmail.com	28/10/2019	Yes
dakshugowda00@gmail.com	28/10/2019	Yes
darehandarshand160@gmail.com	28/10/2019	Yes
deepthioepps259@gmail.com	28/10/2019	Yes
janmunad459@gmail.com	28/10/2019	Yes
lochan20rameen@gmail.com	28/10/2019	Yes
manithmanith51@gmail.com	28/10/2019	Yes
monishamahadeva2000@gmail.com	28/10/2019	Yes
nikhilbeta99@gmail.com	28/10/2019	Yes
NITHINDVISHIVAKARMA@GMAIL.COM	28/10/2019	Yes
pavarpavankumar419@gmail.com	28/10/2019	Yes
praveen550praveen@gmail.com	28/10/2019	Yes
sagarng108oe16041@gmail.com	28/10/2019	Yes
shivashivaraj0288@gmail.com	28/10/2019	Yes
suryadarehankp123@gmail.com	28/10/2019	Yes
thobasabulal@gmail.com	28/10/2019	Yes

Back

Details

Name: SRIVATHSA H U

Designation: ASSISTANT PROFESSOR

Important Links

More...


HOD **HOD**
 Department of Civil Engineering
 ATME College of Engineering
 Mysore-570 025

Self-Learning through MOOCs

USN	Name
4AD17CV023	Naveen M



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भारतीय सुदूर संवेदन संस्थान, देहरादून



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नामांकन सं. / Enrollment No.: 2020690539948

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This is to certify that **MR. NAVEEN M** has been awarded this certificate for participation in online course on "**RS & GIS Applications**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **02-11-2020 to 20-11-2020 (Total course duration = 16 hours and 30 minutes)**.

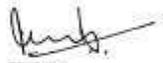
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Date: 14-12-2020
Place: Dehradun

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USN	Name
4AD17CV011	Divya Shree G Raj

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भारतीय सुदूर संवेदन संस्थान, देहरादून

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 नमर्कन सं. / Enrollment No.: 2020690539680

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This is to certify that **MS. DIVYASHREE G RAJ** has been awarded this certificate for participation in online course on "**RS & GIS Applications**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **02-11-2020 to 20-11-2020 (Total course duration = 16 hours and 30 minutes)** .

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Date: 14-12-2020 समन्वयक, विश्वविद्यालय/संस्थान
Place: Dehradun Coordinator, University/Institution

[Signature] दिदेशक/ Director
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USN	Name
4AD17CV019	Megha N



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नमर्कन सं. / Enrollment No. : 2020690540428

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This is to certify that **MS. MEGHA N** has been awarded this certificate for participation in online course on "**RS & GIS Applications**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **02-11-2020 to 20-11-2020 (Total course duration = 16 hours and 30 minutes)** .

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Date: 14-12-2020
Place: Dehradun

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USN	Name
4AD17CV022	Naveen K



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नामांकन सं. / Enrollment No.: 2020690540760

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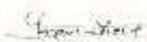
यह प्रमाणित किया जाता है कि श्री **नवीन** के को यह प्रमाण पत्र "सुदूर संवेदन एवं भौगोलिक सूचना प्रणाली के अनुप्रयोग" में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस), इसरो, देहरादून द्वारा 02 नवंबर, 2020 से 20 नवंबर, 2020 (कुल पाठ्यक्रम अवधि = 16 घंटे 30 मिनट) के दौरान किया गया।

This is to certify that **MR. NAVEEN K** has been awarded this certificate for participation in online course on "**RS & GIS Applications**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **02-11-2020 to 20-11-2020 (Total course duration = 16 hours and 30 minutes)**.

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Place: Dehradun


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आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

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Semester:5th

USN	Name
4AD19CV401	Amrutha K K



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This is to certify that **MS. AMRUTHA K K** has been awarded this certificate for participation in online course on "**RS & GIS Applications**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **02-11-2020 to 20-11-2020 (Total course duration = 16 hours and 30 minutes)**.

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Place: Dehradun

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USN	Name
4AD18CV016	M K Nayana



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This is to certify that **MS. M K NAYANA** has been awarded this certificate for participation in online course on "**RS & GIS Applications**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **02-11-2020 to 20-11-2020 (Total course duration = 16 hours and 30 minutes)** .

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Date: 14-12-2020
Place: Dehradun

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Department of Civil Engineering

USN	Name
4AD18CV040	Shashank S Nagarkar

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नामांकन सं. / Enrollment No. : 2020660434597

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This is to certify that **MR. SHASHANK SHANMUKHA NAGARKAR** has been awarded this certificate for participation in online course on "**Global Navigation Satellite System**" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **14-09-2020 to 25-09-2020 (Total course duration = 10 hours and 30 minutes)**.

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Date: 03-12-2020 समन्वयक, विश्वविद्यालय/संस्थान
Place: Dehradun Coordinator, University/Institution

Signature दिदेशक/ Director
आईआईआरएस, देहरादून/ IIRS, Dehradun

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Signature

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Participatory Learning

1. Technical fest competitions
2. Industrial Visit
3. Workshops and Seminars
4. Student Outreach Program
5. Social Activity

Technical fest competitions

Datum 2k17

Datum –State level Technical Festival is organized by Dept of Civil Engineering every year to provide a platform for young minds of Civil Engineering throughout the state.

Sample Brochure:



CONVENERS
Bharathi B
Assistant Professor, ATMECE
Rudresh A N
Assistant Professor, ATMECE

GUIDING COMMITTEE
Dr K J Suresha
Mrs Jyothi D N
Mr Manoj K G
Mr Mandeep G
Mr Srivathsa H U
Mrs Ashwini N
Mr Pradeep Kumar K J
Ms Modini V

ORGANISING COMMITTEE
Harsha Urs K M
Manu L
Chandan S P
Hemanth S
Mohan Kumar C
Akshay Kumar J
Shalcool Ahmed Khan
Ravikiran S Sagar
Shrinivasa Prasad
Harshith M K

ATME COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

DATUM 2K17
State level technical symposium

Venue
ATME Campus

13th April

ATME COLLEGE OF ENGINEERING
ATME has spread over 20 Acres of green area close to the Mysore city, which has become a universally accepted place for education offering the latest teaching techniques. It has certainly become one of the Top Engineering colleges in Mysore, Karnataka where education is considered as the most powerful weapon, which can be used to change the world. ATME Mysore, not only offers facilities for the students to have overall growth. It provides highly excellent and dedicated faculties who are having sacred aims to equip the students with the necessary knowledge and skills to outshine in the global environment, which is becoming competitive day by day.

Department of Civil Engineering
Department of Civil engineering is the youngest department amongst others at ATMECE. It has been imparting quality education to meet the technological advancements and industrial requirements. This has been made possible due to highly qualified and experienced faculties with excellent academic track record. State of the art laboratories and excellent infrastructural facilities also add to its quality. There is a proportionate mix of academic and industrial experience amongst the faculty which is influential in imparting the right blend of theoretical and practical knowledge to the students.

Technical Events

- CADD TRACING**
Give finishing to your dream
- CREATIVE CONSTRUCTION**
Construct Your creativity
- QUICK SURVEYING**
Speed it up
- QUIZZIE**
sharpen your brains

Non technical Events

- MAD ADS**
Art attack
- PHOTOGRAPHY**
Click click

Registration Form

Name : _____
Event : _____
College : _____
Phone no : _____

Contact

Manu L	98 804 27560
Akshay Kumar J	97 435 85847
Chandan S P	77 607 05040
Harsha URS K M	98 203 20488
Mohan Kumar C	98 350 23256
Hemanth S	94 482 76277

Attractive Cash Prizes for all the events

ATME College of Engineering

Department of Civil Engineering

Winners of Cadd Tracing



Model Making



Technical Quiz



Treasure Hunt: Puzzle solving




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Industrial Visit

Industrial Visit

Industrial Visit by 5th sem-2015 to Vajamangala studying the erection and foundation details of Electric tower.



Industry visit of “Shilpi” Students

Industry Visit for 8th sem civil Students in association with BAI(Shilpi Chapter), was organized during vacation



Industrial visit to Water Treatment Plant at Srirangapatna

Industrial Visit for 5th sem students were taken to water treatment plant at Srirangapatna. Students were given over view of working of drinking water supply treatment and aeration process filtration and canal intake structures.



Industrial Visit to Corporate – Technology and Engineering Academy

Department of Civil Engineering Organized Industrial visit to Corporate – Technology and Engineering Academy C – TEA L & T, Mysuru for 5th semester students on September 6th 2019. C-TEA is the training academy which is located in Mysuru and Madh. To integrate with all their L&T businesses and to achieve their strategic goals through competency building, by providing programs designed with high quality contents and delivered by the best of faculties adopting robust training processes which helps students to build their carrier



One day Technical visit to Metro, Bangalore

One day Technical site visit was arranged for final year students to Bangalore Metro Rail Co-operation Ltd on 08-11- 2016

1) Pre casting yard at Kengeri Casting of Segment at Casting Yard by Long Line method involves the following steps

- Fabrication of reinforcement cage
- Fixtures in segment
- Shuttering
- Match casting of segments
- Concreting using placer boom

2) Construction site at Nayandahalli

OPEN FOUNDATIONS on shallow hard rocks or Pile foundations

- Piles 1200 dia, boredcast-in- situ
- Mostly End bearing
- End Bearing Piles socketing 1D in hard rock
- Pile Caps 500mm below road

3) Control station at Baiyyapanahalli

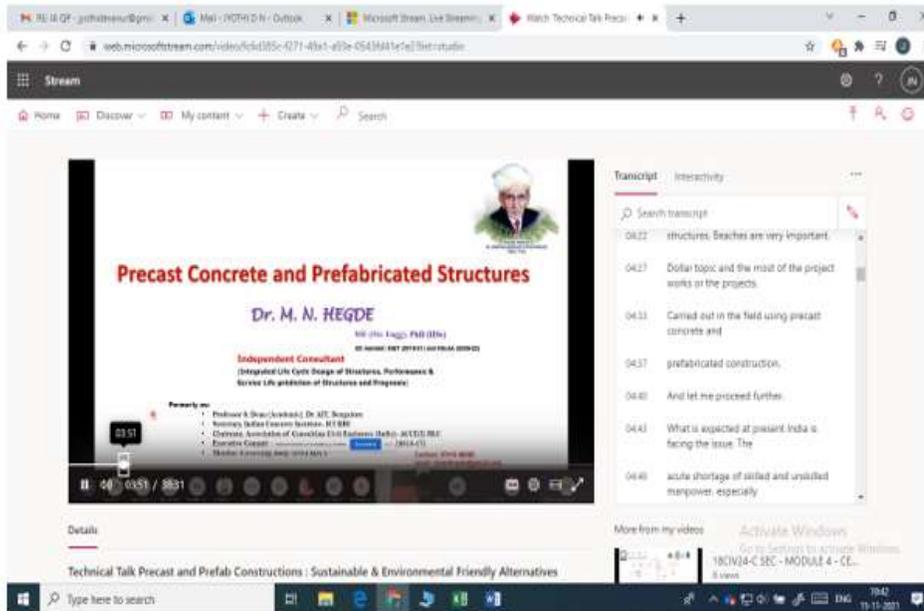


[Signature]
HOD **HOD**
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ATME College of Engineering
Mysuru-570 026

Workshops and Seminars

Sl. No	Event Description	Event Date	Resource Person with Designation
01	Technical Talk on “Precast structures ”	22/10/2020	Dr M N Hedge ,Ret. Dean Academics AIT Bangalore
02	Webinar from E construct company for final year students (12 weeks Webinar)	Oct 2020 –Aug 2021	Mr. Sandeep Pingale, Founder & MD of E-Construct
03	Webinar on “Steel Structures”	November 2020	Satish Jeetwani, Director & Training Head EZ Engineers Pvt Ltd., Mumbai
04	Five Day webinar series on “Design, Construction Practice & its Management”	14 th to 18 th July 2020	Mr. Kushal S, Structural Engineer VISDA
05	Four Day Webinar on “Advances in Transportation Engineering”	3 rd to 6 th Aug 2020	Prof M N Sree Hari,Advisor to Govt. of Karnataka for Traffic, Transportation andInfrastructure
06	“Structural and Geotechnical Advances in Civil Engineering”	20 th and 21 st of July 2020	Dr. H S Prasanna, Professor, NIE Mysuru
07	Technical Talk on “Tekla Structures”	6 th June 2021	Mrs. Kusuma Sri, Tekla Designer & Trainer
08	“Earthquake & its Effects on Built Structures”	14 th June 2021	Mr. Bushan Mohan Raisanghani, Structural Consultant
09	Talk on “Career Guidance for Civil Engineers”	18 th June 2021	Ms. Megha Jawale, Career Growth Mentor
10	“Methods of Building Construction from A to Z”	12 th July 2021	Er.Mushtaq Ameen, Structural Engineer, Ameen Corps Structural Consultancy
11	“Soft Computing Technique For Sustainable Development”	19 th June 2021	Dr. Surendra H J, Associate Professor
12	Short Term Training Program on “Hands on training on current Civil Engineering Practices”	15 th to 31 st March 2021	Er. Subramanya Bhat Pangla Proprietor Ambruni Architecture & Structural Consultants, Udupi
13	Virtual Tour on “ Ultra Tech Cement Pvt Ltd	17 th Oct 2020	-


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Talk on Prefabricated Structures



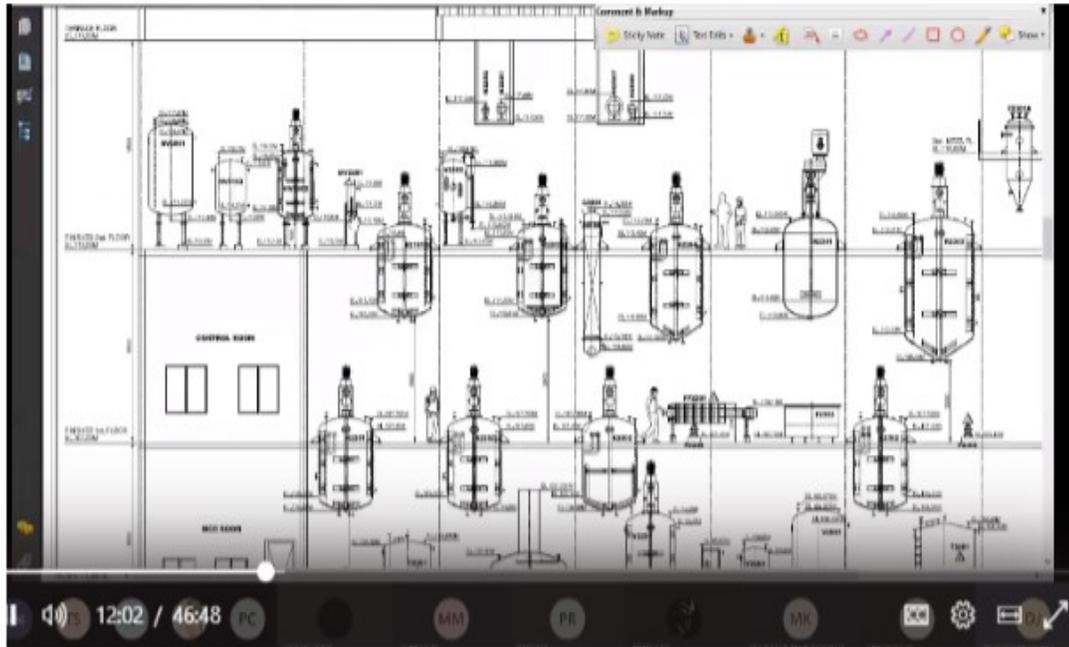
Annexure – 1

5th & 6th September 2020	<ul style="list-style-type: none"> • How to get Core Technical Job in the Civil Industry? • What are the Expectations of the Industry from Civil Engineering Graduates?
30th & 31st October 2020	<ul style="list-style-type: none"> • Foundation of 12w12m Program (Planning of your career) • Planning Phase of any project
30th November 2020	<ul style="list-style-type: none"> • Modelling Techniques
31st December 2020	<ul style="list-style-type: none"> • Structural Analysis (in detail)
31st January 2021	<ul style="list-style-type: none"> • Post Processing Techniques
28th February 2021	<ul style="list-style-type: none"> • Structural Design and Detailing
31st March 2021	<ul style="list-style-type: none"> • Sub Structure Design
30th April 2021	<ul style="list-style-type: none"> • Project Management
31st May 2021	<ul style="list-style-type: none"> • Estimation and Costing
30th June 2021	<ul style="list-style-type: none"> • BIM Technology in Building Sector
31st July 2021	<ul style="list-style-type: none"> • BIM Technology in Infrastructure
31st August 2021	<ul style="list-style-type: none"> • ePMC

Discussion of Topics in Webinar Series

ATME College of Engineering

Department of Civil Engineering



Talk on Steel Structures

 **A T M E**
College of Engineering



Department of Civil Engineering
Brings to You Webinar Series on
"Design of RC Structure, Construction Practice & its Management"
Date: 14th - 18th July 2020, Timings: 11:00 am - 01:00 pm

Resource Persons:

 **Mr Kushal**, Structural Engineer, VISDA, Bengaluru. 

 **Mr Rahul Deshnur**, Proprietor, Arya Construction Consultants, Belagavi.

 **Mr Girish P**, Assistant Professor, DSATM, Bengaluru.

 **Mr Dilip**, Assistant Manager, L&T C-TEA, Mysuru.

 **Mr Shreedhar Revankar**, South Indian Technical Head, Master Builder Solutions, Bengaluru.

For more details, please contact:

Convener
Mr Puneeth K
Assistant Professor
Dept of Civil Engineering,
ATMECE, Mysore
Contact Number: - 9620693872

Faculty Co-ordinators:
Mr Srivathsa H U
Asst Prof, Dept of CV
Mr Rudresh A N
Asst Prof, Dept of CV

E - Certificate Will Be Provided
Webinar Registration is free but Mandatory

Webinar on "Design, Construction Practice & its Management"



ATME
College of Engineering

Department of Civil Engineering
Brings you the webinar series on
Advances in Transportation Engineering

Hear from Experts

- Prof. M. N. Suresh Babu**
Associate Professor & Head, Department of Civil Engineering, ATME College of Engineering, Mysuru
- Dr. Lakshmi S. S.**
Associate Professor, Department of Civil Engineering, ATME College of Engineering, Mysuru
- Dr. Prabhu Rajagopal**
Associate Professor, Department of Civil Engineering, ATME College of Engineering, Mysuru
- Dr. Naveen Kumar**
Associate Professor, Department of Civil Engineering, ATME College of Engineering, Mysuru

Conveners

- Subrah S. N.**
Head, Department of Civil Engineering, ATME College of Engineering, Mysuru
- Shruthi S. N.**
Head, Department of Civil Engineering, ATME College of Engineering, Mysuru

3rd - 5th Aug 2020
Timings: 11.00am-12.30pm

Who Can Attend?

- Undergraduate Student
- Industry Freshers Faculty
- Members
- Transportation Engineers

Registration:
<https://forms.gle/5D5CbJ04AJyM2m4q6>

Free But Mandatory

E- Certificate will be Provided

Webinar on Advances in Transportation Engineering



ATME
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DEPARTMENT OF CIVIL ENGINEERING
BRINGS TO YOU

TWO DAY WEBINAR ON "STRUCTURAL AND GEOTECHNICAL ADVANCES IN CIVIL ENGINEERING"
on 20th & 21st July from 11:00 am - 12:30 pm

Day 1
Topic: "Structural Masonry Engineering and Safety Perspective"

Day 2
Topic: "Geotechnical Engineering From Concept to Construction"

Resource Persons:

- Mr. ASHWIN THAMMAIAH**
Assistant professor,
Department of CV,
RV College of Engineering,
Bengaluru
- Dr. H. S. PRASANNA**
Professor,
Department of CV,
NIE, Mysuru

Conveners

- Shruthi S. N.**
Assistant Professor,
Department of Civil Engineering,
ATMECE, Mysuru.
Contact No: 9538343733
- Jeethi S. N.**
Assistant Professor,
Department of Civil Engineering,
ATMECE, Mysuru.
Contact No: 9728806913

Two day webinar on "Structural and Geotechnical Advances in Civil Engineering"

ATME College of Engineering

Department of Civil Engineering

Technical Talk on "Tekla Structures"

Talk on Earthquake & its Effects on Structures

Mr.CIVILOPEDIA  PRE-CONSTRUCTION STEPS

STEP 04 SITE PREPARATION



- CLEANING OUR WORKING SITE IS A CONSTRUCTION DISCIPLINE
- ARRANGING MATERIAL ON ONE SIDE OF THE SITE
- USING GREEN SCREEN

AVOID

- THEFT OF MATERIALS
- LOSS OF MATERIALS
- WASTAGE OF MATERIALS

Resource Person explaining the Construction Process

A T M E
College of Engineering



Technical Talk On
“Career Guidance For Civil Engineers”

Date: 18th June 2021
Venue: ATME College of Engineering
Time: 4pm to 5pm

Audience:
6th & 8th semester students of ATMECE, Mysuru

Chief Patrons
Sri. L Arun Kumar
Chairman, ATMECE, Mysuru

Sri. R Veeresh
Treasurer, ATMECE

Sri. K Shivashankar
Secretary, ATMECE

Patron
Dr. Basavaraj L
Principal
ATMECE

Convener
Mr. Manu Vijay
HOD, Dept of Civil Engineering
ATMECE, Mysuru

Coordinator
Mr. Shashank P
Asst. Prof, Dept of Civil Engineering
ATMECE, Mysuru

Mr. Srivathsa H U
Asst. Prof, Dept of Civil Engineering
ATMECE, Mysuru

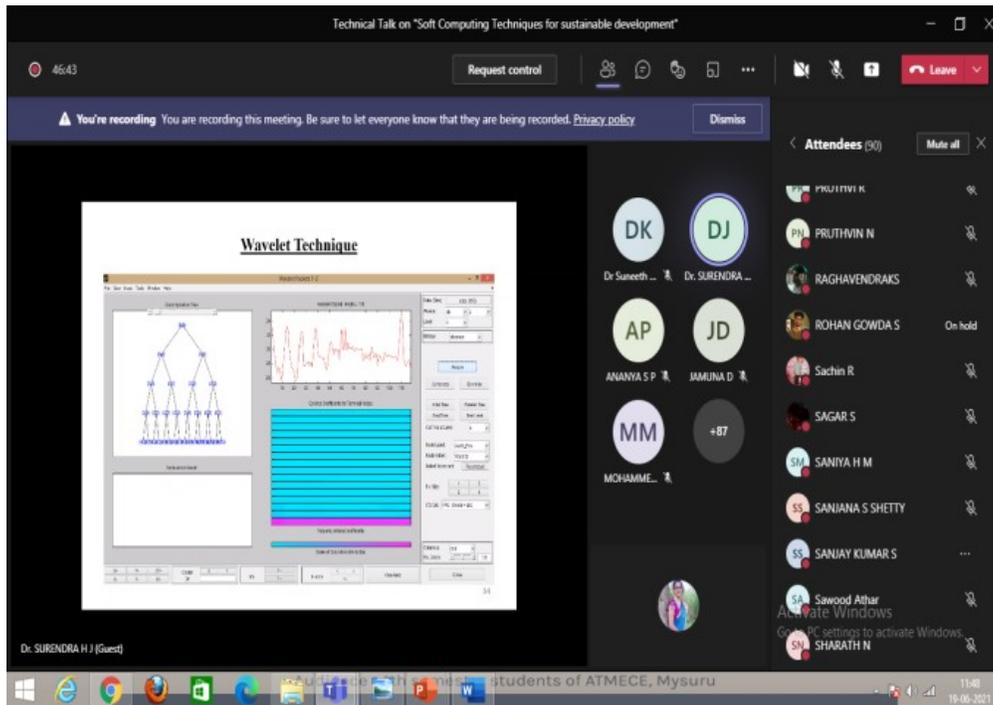



Resource Person
Ms. Megha Jawale
Career Growth
Mentor for Engineers,
Mumbai

Talk on Career Guidance

ATME College of Engineering

Department of Civil Engineering



Resource Person explaining the Soft Computing Techniques

ATME College of Engineering
Department of Civil Engineering, ATMECE, Mysuru

In Association with
SkillTech Engineers & Contractors Pvt. Ltd., Mysuru

Stand Pro, PRIMAVERA, SkillTech, Autodesk 3DS MAX, Surfer

Is Organizing a
Short Term Training Programme On
“Hands on Training on Current Civil Engineering Practices”
15th - 31st March 2021
Timings: - From 9:30 AM - 04:45 PM
For
7th Semester Students at ATMECE premises

Convener	Resource Persons	Faculty Co-ordinators
Mr. Manu Vijay Assoc. Professor & Head Dept of Civil Engineering ATMECE, Mysuru	Prof. Suneeth Kumar S. M. Professor, ATMECE, Mysuru Er. Ramesh P. DGM, SkillTech Engineers & Contractors Pvt. Ltd., Mysuru	Er. Subramanya Bhat Pangla Proprietor, Amburui Architecture & Structural Consultants, Udipi Mr. Girish P. Assistant Professor, DSATH, Bengaluru
	Er. Prajwal R. Shekar Civil Engineer & Architectural Designer, skgprtkts, Mysuru	Mr. Puneeth K Mr. Srivathsa H U Mr. Shashank P Asst Prof, Dept of CV

www.atme.in

STTP on “Hands on training on current Civil Engineering Practices”



ADITYA BIRLA
UltraTech

UltraTech Cement Limited
cordially invites you to **Virtual Plant Tour**
On 17th October 2020 @ 6pm

"Quality means doing it right when no one is looking." - Henry Ford

UltraTech Cement – India's No. 1 Cement* is committed to maintain Consistent Quality incorporating Sustainable business process across all its establishments.

Join us to this Virtual Plant Tour to witness the World class Manufacturing Process and Quality standards maintained at UltraTech Cement Plants.

Virtual Tour guided by
Mr. Ram Pant – RCM, UltraTech Cement Ltd.

[Click here to Join](#)

Meeting ID
956 1544 5314
Password
162840

1800 210 3311

Virtual Tour conducted by Ultra Tech Cements

ATME College of Engineering

Department of Civil Engineering

Student Outreach Program

ATME College of Engineering

Department of Civil Engineering

Student Outreach Program

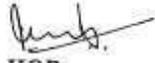
Students of department of civil engineering participated in a student outreach program Organised by NAREDCO on 24.09.2019 at Hotel Radisson blue, Mysuru. The program was intended for promoting a interaction of students with industry stalwarts there by providing the making students aware of what is expected in industry by them. Chief guest of the function Dr. Niranjana Hiranandani opined that the graduates should take up such works which provide satisfaction and happiness. He insisted that graduates should seek opportunities in our home town rather than seeking it somewhere else. He also opined that one has to be good with the basics and be ready to learn new things with changing times.

The program also included discussions on the practical applicability of new products developed and on minimizing the gap between academics and the real practice by starting an industry interaction program comprising students of different colleges of Mysore. Ms. Chandana of civil engineering dept. was elected as member of the committee for conducting the interaction programs at college level in the future.

ATME College of Engineering

Department of Civil Engineering




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Social Activity

ATME College of Engineering

Department of Civil Engineering

Participatory Learning

Observance of Preamble of Indian constitution

The Preamble of Indian Constitution has been observed and oath has been taken by Students and faculty of the department to keep alive the Spirit of Indian Constitution



Swatch Bharath Abhiyan



Students of 5th sem (Manoj Kumar N, Shiva Prasad G N, Mithun D K, Nagesh B S, Karthik C V & Murugesh P) Civil Engineering Dept. took around the Mysuru city, collected the wastes at Bandipalya market and Government Hospital, Harohalli .

ATME College of Engineering

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As part of the “Swachh Bharat Mission” initiated by Government of India, students of 7th Semester Electrical & Electronics Engineering, ATME College of Engineering had organized and participated in “Swachh Bharat Abhiyaan & awareness program” in Mellahalli grama, Harohalli post, Varuna Hobli, Mysuru



ATME College of Engineering

Department of Civil Engineering

Social Welfare Contribution by ATME College of Engineering, Mysuru.

SL No.	Date	Amount donated by ATME College of Engineering.	Charity/ Activity Type	Remarks on donation/ social welfare	Event
1	27 th April 2017	Rs. 60,000/-	Financial assistance to Family of martyrs of Indian army	Handed over cheques of totaling Rs.60000/- (Rs.30000/- to each Martyr's family)	Annual Cultural Fest ATMEYA 2017, theme "Amar Jawan" AY 2016-17
2	23 rd March 2018	Rs.60,000/-	Education aid for blind	Handed over cheques of totaling Rs.60000/- (Rs 30000/- towards Divya Jyothi charitable trust, Mysuru & Rs. 30000/- towards Sahana Charitable trust.)	Annual Cultural Fest ATMEYA 2017, theme "Lead the Blind" AY 2017-18
3	26 th April 2019	Rs.1,00,000/-	Novelty distribution to orphans	Handed over cheques of totaling Rs.100000/- (Rs 40,000/- towards Sri Chayadevi Anathashrama Trust, Rs. 40,000/- towards Ashadayaka Seva Trust & Rs. 20,000/- towards Sri Sumangali Seva Ashram.)	Annual Cultural Fest ATMEYA 2017, theme "Arise awake adopt Orphans" AY 2018-19
4	27 th April 2019	Rs.35,000/-	Towards Kodagu Relief Fund	Handed over cheque of Rs 35,000/- to a family affected by Kodagu Flood.	Annual Cultural Fest ATMEYA 2017, theme "Arise awake adopt Orphans" AY 2018-19
5	26 th October 2016	Rs 4,000/-	Towards Spandhana Trust	Handed over cheque of Rs4,000/- to Spandhana Trust	-

ATME College of Engineering

Department of Civil Engineering

Contribution to Spandhana Trust

The Department of EEE Faculty members, Technical staff and students voluntarily contributed Rs 4,000/- towards Spandhana Trust, a registered NGO under Government of Karnataka.



Swachh Bharat Abhiyaan-ATMECE



ATME College of Engineering

Department of Civil Engineering



ATME College of Engineering

Department of Civil Engineering

Blood Donation Camp

Faculty members and students donating blood as part of NSS Red cross.



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Pic:

Management of ATMECE honoured family of Martyrs and handed over charity cheques of Rs.30000/- to each on 27th April 2017 for welfare of Martyrs family.

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Department of Civil Engineering

8/05/2017

page-010 - Star of Mysore - Epaper | Read Newspaper Online

ATME honours family of Martyrs



Mysuru, May 8- A Cultural programme with the theme 'AMAR JAVAN' was organised at ATME College of Engineering as part of its extravagant cultural fest ATMEya-2K17.

As a part of this Fest College honoured the survivors of martyrs of Indian Army and as a token of respect Financial

assistance is provided.

IGP (Southern Range) Vipul Kumar was the chief guest. Cine-actor Vasishta N. Simha and Miss Karnataka-2015 Aishwarya Gowda were the guest of honour. ATME Founder-Chairman L. Arunkumar presided.

ATME Founder-Secretary K. Shivashankar, Founder-Treas-

urer Veeresh, Trustee H. Venkatesh, ATME Principal Dr. L. Basavaraj and Cultural Committee Chairman Dr. L. Parthasarathy were present.

Many cultural events like Intercollegiate Fashion Show, Fusion Dance and Solo-Singing were organised to mark the occasion.

ATME College of Engineering

Department of Civil Engineering

Pic: Management of ATMECE honoured Members of Divya Jyothi charitable trust & Sahana Charitable trust, Mysuru and handed over charity cheques of Rs.30000/- to each on 23rd March 2018 for Education aid for blind



ATME College of Engineering

Department of Civil Engineering



Pic: Management of ATMECE honoured members of Chayadevi Anathashrama Trust, Ashadayaka Seva Trust & Sri Sumangali Seva Ashram and handed over charity cheques totaling Rs.100000/- on 26th April 2019 for Novelty distribution to orphans.

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Candle Light March



Bike Rally



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MARATHON




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Problem-solving methods

Technical Quiz
Competitions and awards

ATME College of Engineering

Department of Civil Engineering

- **Chandra Kiran R , Manu L , Rakesh M, AvikAnand Kumar** of VIth sem has in “I talent edge” competition held on February 18th at ATME Mysuru
- **Meghana K P, Keerthana N J, Keerthana R, Lekha N, Rachan Appachu, Chethan M, Supreetha Y L** of VIIth sem have attended the personality programme – ‘VIKASANA’ held on 28 Feb 2016 at V-LEAD campus in association with BAI Association, Mysuru
- **Meghana K P and Supreeth S** represented the college and were runner up’s in the state level technical quiz “TECH QUEST” organized by BAI at SJCE, Mysuru.



-
- **Sabhyatha M S, Keerthana N J** represented Civil department in technical quiz “Tech Quest” held on 5th and 6th of march 2016.
- **Shivallesh, Ayiappa, Meghana P, Sachin K N, Chethan Kumar L R** of VIIIth sem have attended the personality programme – ‘VIKASANA’ held on 21 Feb 2016 at V-LEAD campus in associated with BAI Association, Mysuru.
- **Keerthana N J, Supreetha Y L, Sabhyatha M S, Sushmitha S, Meghana K P and Supreeth S** participated in technical & management quiz at TANTRAGYAN- A national level technical symposium, organized and held at SJCE, Mysuru

ATME College of Engineering

Department of Civil Engineering

- **AkshayKumar J** participated and won first place in photography at TANTRAGYAN- A national level technical symposium, organized and held at SJCE, Mysuru



- (Awarding winning photographs under Reflections and Shaded History by Akshay Kumar J)
- The project of VIIIth semester “Reuse of ceramic waste as aggregate in concrete” by **SamreenTaj, Swamy H M, Syed Ruman Pasha** guided by **Mrs.Shruthi H G** got selected for KSCST Project. The sanctioned amount is Rs.7000
- **Maiboob Pasha N**, the IVthsem student excelled in Concrete Technology and was awarded cash prize of Rs.2000, sponsored by Ultra Tech Cements.



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Department of Civil Engineering

Felicitation to Toppers in CTM in Civil Engineering by BAI, Mysuru

Supriya S and Jayashree T L of 8th sem Civil Engineering Department has been felicitated by Builder's Association of India, Mysuru Chapter on 30th August 2019 at MBCT center Mysuru for scoring highest marks. Chief Guest Dr. S Thukaram, Vice President of BAI K. Sriram, Chairman of BAI B S Dinesh, Hon. Secretary of BAI R. Raghunath, Shilpi Co-ordinators, HOD's & staffs of various colleges, students & their parents witnessed the event.



- **Akhila C G** of civil Department has awarded gold medal for securing Highestmarks in Concrete Technology at VTU Gnana Sangama, Belagavi.
- **Sushmitha G S** and **Sushmitha Y L** have been felicitated by Builders Association of India (BAI) Mysuru at Pai vista.
- **Vikas K** of final year won silver medal in inter college weight lifting competition (108kgs of category 1) organized by university of Mysuru.

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Department of Civil Engineering



- **Akshay Kumar J** of final Civil won 1 st prize in photography in AAKARcompetition which was organized by NIE College Mysore
- **FIGHT AGAINST CORUPTION** By taking “INTEGRATING PLEDGE” FOR 3rd, 5 th, 7 th sem Civil Students on 04-09- 2016
- **Rakesh** of final year represented the college in VTU festival, Yuva Kalanjali-2017




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NSS CAMP

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ATME College of Engineering

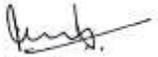
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Department of Computer Science and Engineering

Experiential Learning

1. Internship to understand corporate learning environment.
2. Capstone project work.
3. Laboratory Sessions to correlate theoretical and practical learning with Courses offering
4. Hackathon events to enhance Technical & logical thinking skills
5. Self-learning through MOOC Platforms
6. ICT Based Learning

Department of Computer Science and Engineering

Internship to understand corporate
learning environment

Department of Computer Science and Engineering

Experiential Learning

a. Internship Details

The Department encourages students to undergo internship as per the university curriculum.

Academic Year: 2020-21

Department of Computer Science and Engineering

Internship Program for the Academic Year : 2020-2021

Consolidated Summary Sheet of Joining Report

Sl No.	Name of Student	USN	Name of Organization / Industry	Work Place/Site Address
1	RACHAN M A	4AD16CS102	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
2	ABHISHEK R	4AD17CS002	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
3	AHALYA P	4AD17CS004	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
4	AKHILESH J A	4AD17CS005	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
5	AMULYA P	4AD17CS006	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
6	ANEES FATHIMA	4AD17CS007	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
7	ANIL KUMAR GADEDA GOUDAR G	4AD17CS008	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
8	APOORVA R	4AD17CS011	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
9	ARJUN V	4AD17CS012	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
10	BHARATH J	4AD17CS014	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

Department of Computer Science and Engineering

11	BHAVANA M	4AD17CS015	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
12	BHAVANA R	4AD17CS016	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
13	BHOOMIKA P	4AD17CS017	SPInteg Technologies Private limited	#342, 12 th Cross Road 2 nd Block RT nagar, Bangalore -560032
14	CANNY CUSHALAPPA N J	4AD17CS018	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
15	CHANDANA A S	4AD17CS019	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
16	CHANDANA M	4AD17CS020	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
17	DARSHINI R	4AD17CS021	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
18	DIVYA H	4AD17CS022	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
19	FAIZA FIRDAUS	4AD17CS024	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
20	FARHAZ KHAN	4AD17CS025	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
21	GEETHA S	4AD17CS026	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
22	HARISH L K	4AD17CS028	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
23	HARSHITHA M	4AD17CS029	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
24	HARSHITHA M P	4AD17CS030	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
25	HEMANTH B	4AD17CS031	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
26	JANAVI K V	4AD17CS032	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

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27	JESMITHA M P	4AD17CS034	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
28	KRITHIKA G	4AD17CS036	SPInteg Technologies Private limited	#342, 12 th Cross Road 2 nd Block RT nagar, Bangalore -560032
29	KULSUM KHANUM K	4AD17CS037	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
30	KUSUM I K	4AD17CS038	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
31	LAVANYA S	4AD17CS039	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
32	LIKITH V	4AD17CS040	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
33	M S CHINNIDHI ARADHYA	4AD17CS041	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
34	M S HRUTHVIC	4AD17CS042	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
35	MACHAIAH M E	4AD17CS043	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
36	MADHUSHREE S	4AD17CS044	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
37	MALAVIKA T M	4AD17CS046	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
38	MANISH KUMAR S	4AD17CS047	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
39	MEGHANA R	4AD17CS048	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
40	MOHAMED SHOAIB	4AD17CS050	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
41	AMRUTHA A S	4AD18CS400	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
42	DEEPIKA K	4AD18CS401	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

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43	MEGHANA H S	4AD18CS402	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
44	PALLAVI K M	4AD18CS403	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
45	ABHINAV S H	4AD17CS001	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
46	NANDAKISHOR B M	4AD17CS053	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
47	NANDINI J	4AD17CS054	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
48	NANDINI M M	4AD17CS055	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
49	NIKHITHA S RAO	4AD17CS057	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
50	NISARGA C N	4AD17CS058	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
51	NISHCHAL R	4AD17CS059	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
52	NITHAN L	4AD17CS060	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
53	NIVEDITHA S N	4AD17CS061	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
54	PAVAN SITARAM HEGDE	4AD17CS063	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
55	PAVANKUMAR H K	4AD17CS062	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
56	POOJASHREE N	4AD17CS064	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
57	PRATHEEKSHA G	4AD17CS066	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
58	PREKSHA S	4AD17CS067	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

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59	R ANU KANTHAN	4AD17CS068	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
60	RACHANA G S	4AD17CS069	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
61	RAKSHITH KUMAR H N	4AD17CS071	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
62	RAKSHITHA C M	4AD17CS072	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
			The Institution Of Electronics & Telecommunication Engineers (IETE)Mysuru Centre, Professional Body	#201, Mythri Arcade, 1st Main, Saraswathipuram, Mysuru, Karnataka - 570009
63	RAKSHITHA Y S	4AD17CS073	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
64	RENUKA S	4AD17CS074	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
65	RUCK SARE SABHA	4AD17CS075	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
66	SACHIN N	4AD17CS076	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
67	SAHANA K C	4AD17CS077	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
68	SAHANA M P	4AD17CS078	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
69	SAHANA M S	4AD17CS079	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
70	SAMURA MARIYAM K A	4AD17CS080	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
71	SANJANA B L	4AD17CS081	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

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72	SHREYAS M L	4AD17CS083	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
73	SHREYAS MAHENDRAKAR S	4AD17CS084	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
74	SOWMYA M V	4AD17CS086	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
75	SRIVATHSA S RAGHAVAN	4AD17CS087	SPInteg Technologies Private limited	#342, 12 th Cross Road 2 nd Block RT nagar, Bangalore -560032
76	SUSHMA V	4AD17CS088	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
77	SUSHMITHA C M	4AD17CS089	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
78	SYED ABDUR RAHAMAN	4AD17CS090	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
79	SYED ASIF	4AD17CS091	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
80	T N SINCHAN MUTHAMMA	4AD17CS092	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
81	TANIA FAREEN	4AD17CS093	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
82	TAYYABA	4AD17CS094	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
83	TEJAS M K	4AD17CS095	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
84	TEJASWINI A G	4AD17CS096	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
85	USHA M T	4AD16CS094	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
86	VARSHITHA R	4AD17CS097	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
87	VENKATARAJU N	4AD18CS404	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

Department of Computer Science and Engineering

88	VINAYKUMAR Y D	4AD17CS098	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
89	VISMAYA S P	4AD17CS099	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
90	YASHASWINI H R	4AD17CS100	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering
91	YASHWANTH P S	4AD17CS101	CISCO, ATMECE	Cisco Center of Excellence, ATME College of Engineering

Prasanna
HOD

HOD
Dept. of Computer Science & Engg
ATME College of Engineering
Mysuru-570022

Department of Computer Science and Engineering

b. Internship Certificates

Few of the sample certificates are as follows:

SAHANA M P	4AD17CS078
------------	------------



Cisco Networking Academy

CCNA Routing and Switching: Introduction to Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- | | |
|---|--|
| <ul style="list-style-type: none"> Explain network technologies. Explain how devices access local and remote network resources. Describe router hardware. Explain how switching operates in a small to medium-sized business network. | <ul style="list-style-type: none"> Design an IP addressing scheme to provide network connectivity for a small to medium- sized business network. Configure initial settings on a network device. Implement basic network connectivity between devices. Configure monitoring tools available for small to medium-sized business networks. |
|---|--|

SAHANA M P

Student

ATME College of Engineering

Academy Name

India

Location

10 Apr 2021

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

Pravda
HOD
HOD
Dirpt. of Computer Science & Engg
ATME College of Engineering
Mysuru-570028

Department of Computer Science and Engineering

R ANU KANTHAN

4AD17CS068



Cisco Networking Academy

CCNA Routing and Switching: Introduction to Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Explain network technologies.
- Explain how devices access local and remote network resources.
- Describe router hardware.
- Explain how switching operates in a small to medium-sized business network.
- Design an IP addressing scheme to provide network connectivity for a small to medium- sized business network.
- Configure initial settings on a network device.
- Implement basic network connectivity between devices.
- Configure monitoring tools available for small to medium-sized business networks.

ANU KANTHAN R

Student

ATME College of Engineering

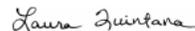
Academy Name

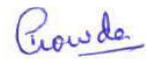
India

Location

10 Apr 2021

Date


Laura Quintana
VP & General Manager, Cisco Networking Academy


HOD
HOD
Dept. of Computer Science & Engg
ATME College of Engineering
Mysuru-570022

Department of Computer Science and Engineering

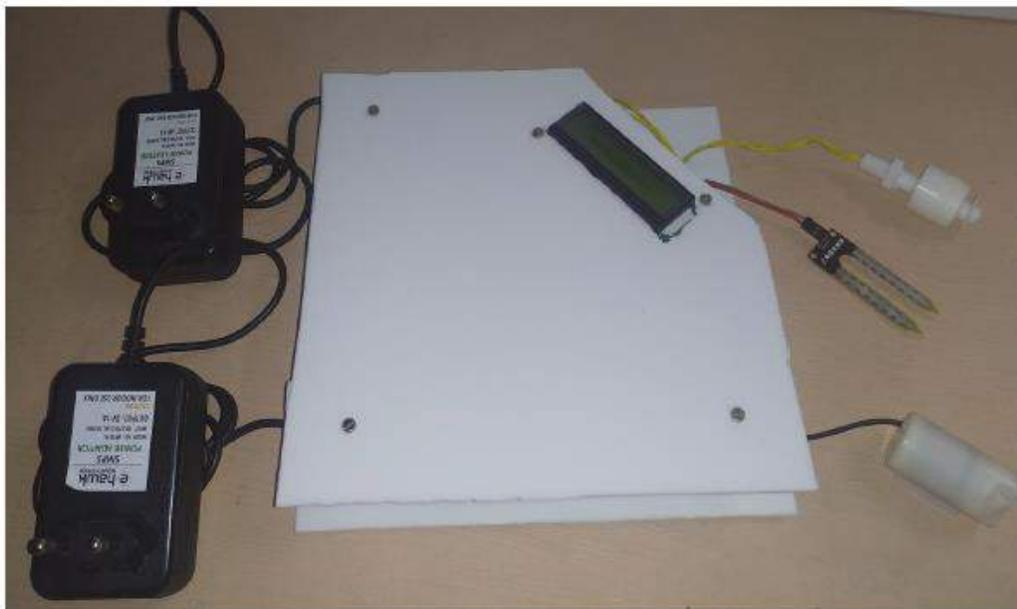
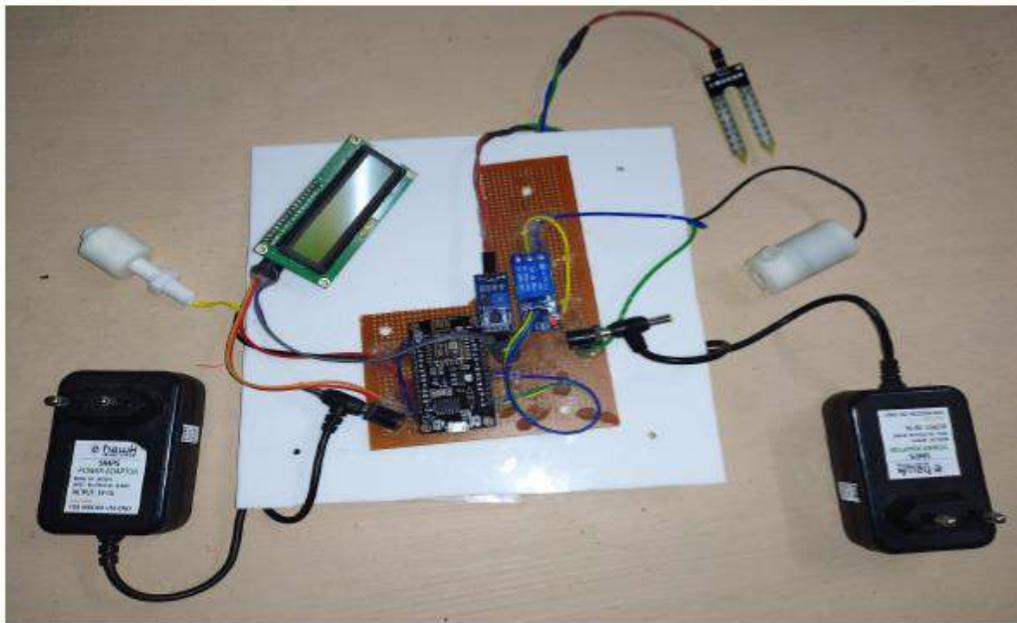
Experiential Learning

Students are encouraged to develop models, catering to the societal needs. Advanced and slow learners are combined **encouraging peer to peer learning**. Project phase is conducted in ODD and EVEN semester to suggest improvements and monitor progress by the Project Committee.

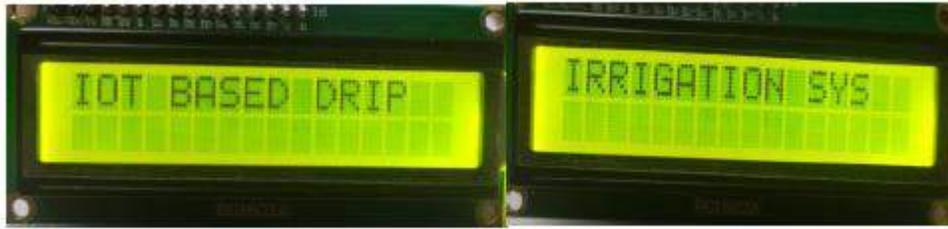
a. Few Sample Project Work by the students is as shown below:

2020-2021

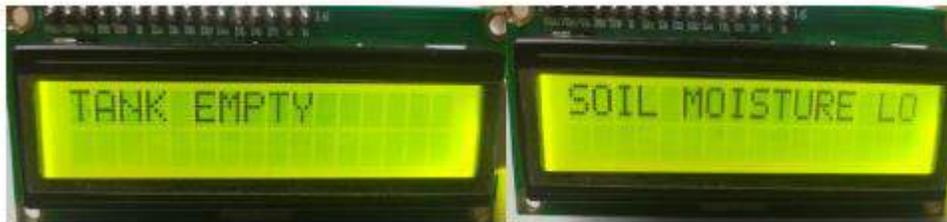
1. Automatic Drip Irrigation Using Soil Moisture Sensor



Department of Computer Science and Engineering



System initialization indication



2. Covid 19 Measures: Face Mask Detection Along With Body Temperature Detection Using MI



Fig 10.1 Face mask detection illustration with mask and without mask

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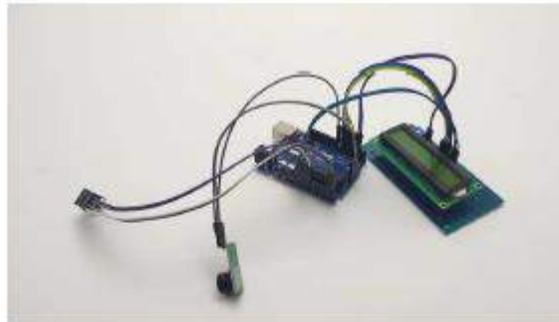


Fig 10.2 Circuit setup for Human Body temperature detection



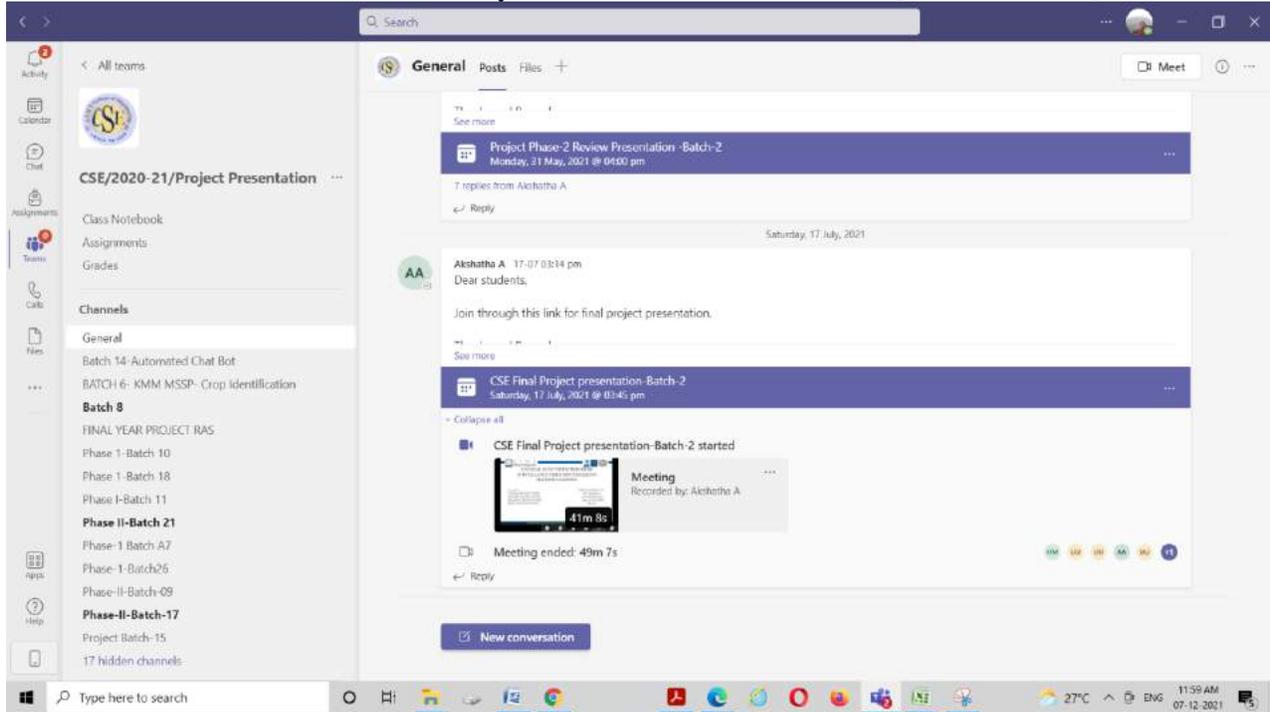
Fig 10.3 The Temperature display

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b. During the COVID 19 Pandemic, learning and evaluation process of project was conducted in MS Teams platform

1. Online Evaluation Activity in MS Teams: AY: 2020-2021

Online Evaluation Activity in MS Teams: AY: 2020-2021 [ODD Semester]

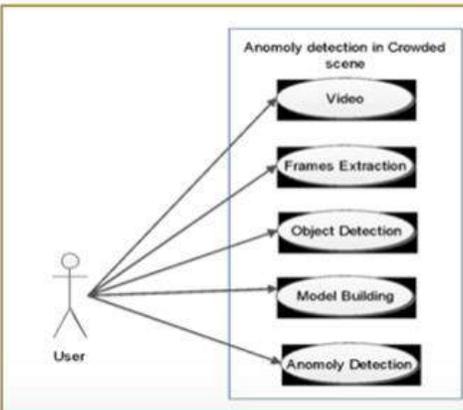






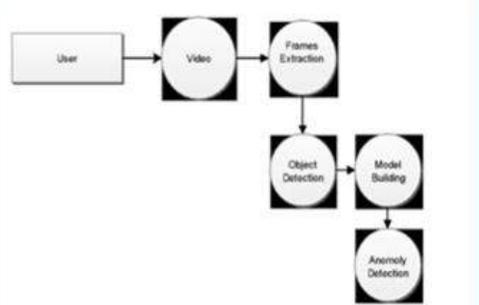

Flowchart

Anomaly detection in Crowded scene



```

graph TD
    User((User)) --> Video[Video]
    Video --> FE[Frames Extraction]
    FE --> OD[Object Detection]
    OD --> MB[Model Building]
    MB --> AD[Anomaly Detection]
            
```



```

graph LR
    User[User] --> Video[Video]
    Video --> FE[Frames Extraction]
    FE --> OD[Object Detection]
    OD --> MB[Model Building]
    MB --> AD[Anomaly Detection]
            
```

04:04

Department of Computer Science & Engineering, ATMECE, Mysuru

▶ 04:04 / 41:08

AJ
HP
CM
AA
CC
⚙️
IM

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Online Evaluation Activity in MS Teams: AY: 2020-2021 [EVEN Semester]

The screenshot shows a Microsoft Teams chat window for a channel named "Batch 14-Automated Chat Bot". The left sidebar lists various channels and resources, including "CSE/2020-21/Project Presentation", "Class Notebook", "Assignments", "Grades", and several "Batch" channels. The main chat area shows a series of messages from "ANIL KUMAR B H":

- 12-01 01:31 pm: Scheduled a meeting. A meeting card for "Phase I-12/01/2021-Automated chat Bot-Team 14" is shown, scheduled for Tuesday, 12 January, 2021 @ 01:30 pm. It has 3 replies.
- 23-05 10:45 am: Scheduled a meeting. A meeting card for "Phase II/23-05-21/Automated chat Bot" is shown, scheduled for Sunday, 23 May, 2021 @ 11:30 am. It has 5 replies.
- 20-07 01:18 pm: Scheduled a meeting. A meeting card for "Presentation II/20-07-2021" is shown, scheduled for Tuesday, 20 July, 2021 @ 01:15 pm. It has 4 replies.

A notification indicates that the channel name was changed from "Phase I-Batch 14" to "Batch 14-Automated Chat Bot" on Sunday, 23 May, 2021, and Tuesday, 20 July, 2021.

The screenshot shows a web browser displaying a "Risk-Scan Survey" application. The interface is dark-themed with white text. The survey content includes:

- A prompt: "Alright! Enter your age please." with a text input field containing "22".
- A prompt: "Okay! Please, Enter your name ." with a text input field containing "arjun".
- A welcome message: "Howdy, arjun! It's a pleasure to meet you. (note that this question doesn't expect any answer)".
- An instruction: "This plugin supports multi-select too. Let's see an example."
- A question: "Are you experiencing any of the symptoms below (mark all those applicable)?"
- Four buttons for selection: "Change in Appetite", "Sore Throat", "Weakness", and "None of this".
- A dropdown menu labeled "Select an option" with a right-pointing arrow.

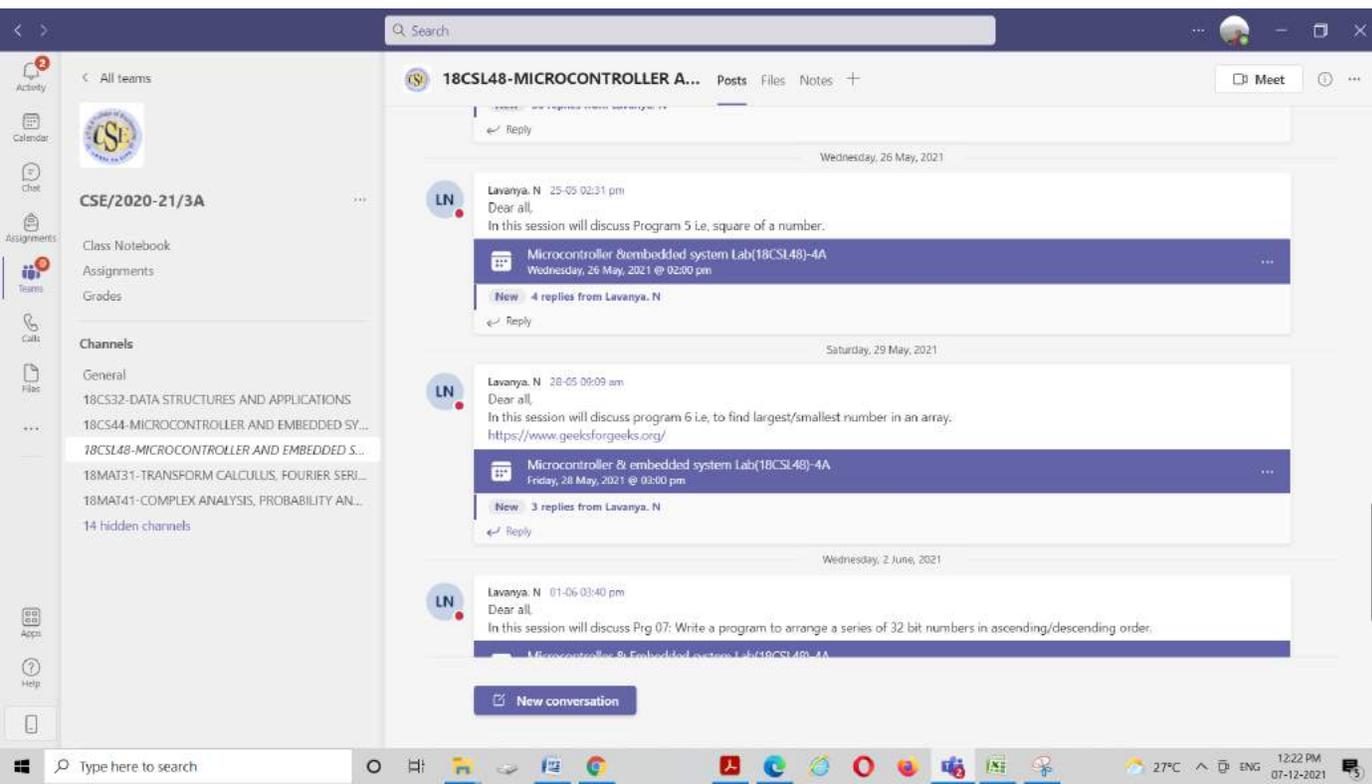
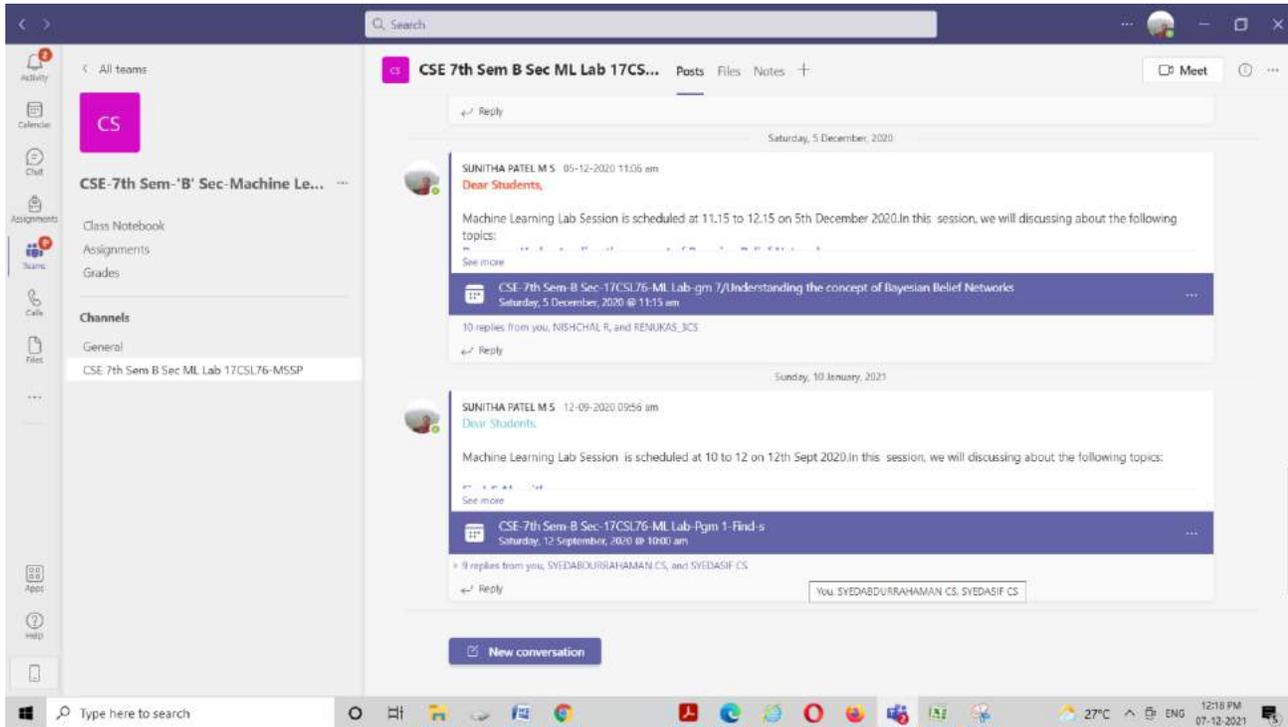
The browser's address bar shows the URL "127.0.0.1:3000/survey/". At the bottom, a video player interface is visible, showing a play button, volume icon, and a progress bar at "33:18 / 53:18".

Department of Computer Science and Engineering

Laboratory Sessions to correlate
theoretical and practical learning with
Courses offering

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During the pandemic, Lab sessions were conducted through Online platform for the benefit of students. Virtual Labs was also utilised to enhance the learning experience of students



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Hackathon events to enhance Technical
& logical thinking skills

Department of Computer Science and Engineering



ATME
College of Engineering






**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
UNDER CSI STUDENT BRANCH
PRESENTS**

HACKFEST-2021

**TWO DAYS NATIONAL LEVEL HACKATHON
(ONLINE) ON 2ND & 3RD JULY 2021**





SCAN FOR REGISTRATION



LAST DATE FOR REGISTRATION - 28-6-21

CASH PRIZE:
FIRST: 8000/-
SECOND: 4000/-
REGISTRATION FEE: RS. 200/- PER TEAM
* TEAMS SHOULD CONSISTS OF **2** TO **3** MEMBERS

OBJECTIVES:

- > To provide space for students to showcase their technical skills.
- > To provide a platform for creating solutions for social causes.
- > To inculcate teamwork spirit among students.

CHIEF PATRONS

<p>SRI. L. ARUN KUMAR CHAIRMAN, ATMECE, MYSURU</p>	<p>SRI. K. SHIVASHANKAR SECRETARY, ATMECE, MYSURU</p>	<p>SRI. R. VEERESH TREASURER, ATMECE, MYSURU</p>
---	--	---

CSI EXECUTIVES

<p>Dr. P. Kumar National Student Coordinator.</p>	<p>Prof. M.S.P. Babu Region Vice President, Region V. CSI.</p>
<p>Smt. K.A. Anitha Venkatesh State Student Coordinator, Karnataka State.</p>	<p>Dr Abdul Salman Moiz Regional Student Coordinator, Region V.</p>

PATRON

Dr. L. BASAVARAJ
Principal, ATMECE, Musuru

Organising Chair
Dr. Puttegowda. D
HOD, Department of CSE, ATMECE, Mysuru.

Account Details
Bank Name: Kaveri Grameena Bank
Account Number: 12103100003672
IFSC Code: PKGB0012103

Conveners

<p>Mr. Anil Kumar C J Associate Professor, Dept. of CSE, ATMECE, Mysuru.</p>	<p>Ms. Lavanya N Assistant Professor, Dept. of CSE, ATMECE, Mysuru.</p>
---	--

For any queries:
Anil Kumar G - 7204624834
Christo Abraham - 8550055312

Registration link: <https://forms.gle/w47SCDR9nmcq1TBj9>
E-Certificates will be provided to all registered participants.

Note: Further details about topics will be mailed to the registered participants.

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Hackfest-2021 National level hackathon(online [2nd& 3rd July 2021])

The Department of Computer Science & Engineering had organized 2 days National level hackathon(online) from 2nd to 3rd July 2021. The objectives of the hackathon were:

- To provide space for students to showcase their technical skills.
- To provide a platform for creating solutions for social causes
- To inculcate teamwork spirit among students.

Around 40 teams enrolled in the national level hackathon and here are some of the colleges/universities that participated in hackfest:

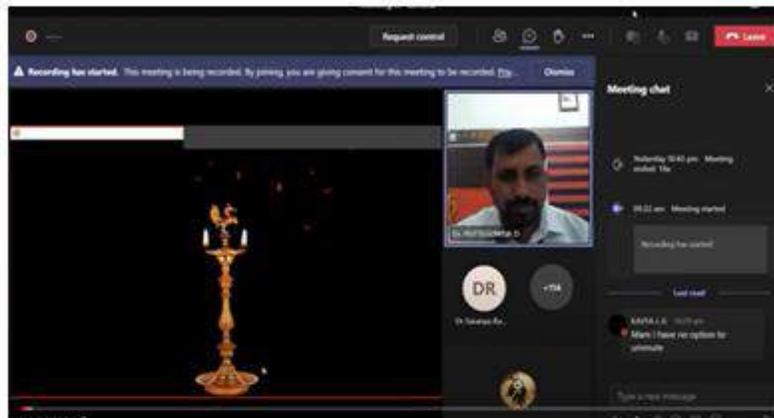
1. P D A College of Engineering, Gulbarga, Kamataka
2. ATME, College of Engineering, Mysore, Kamataka
3. B.M.S. College of engineering, Bengaluru, Kamataka
4. Maharaja Institute of Technology Thandsapura, Mysore, Kamataka
5. Panimalar institute of technology, pederithangal, Tamil Nadu
6. The National Institute Of Engineering, Mysore, kamataka
7. kongu engineering college, Erode, Tamil Nadu
8. KLS Gogte Institute of Technology, Belgaum, Kamataka
9. Brainware university, Kolkata, West Bengal
10. Knowledge Institute of Technology, Selljampalayam, Tamil Nadu
11. Yashwantrao Chavan College of Engineering, Nagpur, Maharashtra

The events held on Day 1:02/07/2021

The inauguration was held at 10 AM, the HOD of computer science and engineering Dr.Puttageowda D welcomed the guests and participants. The invocation song by Karva L G, 4th Semester student followed by the lighting of lamp as a symbol of brightness and prosperity.

Department of Computer Science and Engineering

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The lighting of lamp and welcome speech by Dr. Puttegowda D



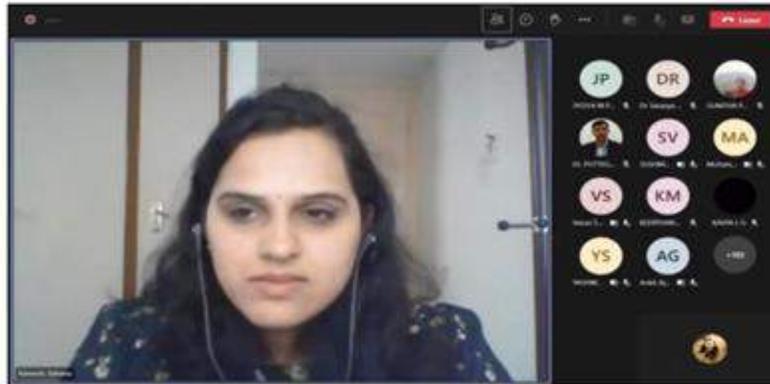
The chief guest, Dr. Saranya addressing the audience

The Chief Guest for the event was Dr. Saranya, customer success manager GUVI Chennai and the Guest of honour: Mrs. Sahana Ramash, business management professional Sony India. Dr. Saranya

Department of Computer Science and Engineering

Department of Computer Science & Engineering

tended to crowd about the significance of hackathon and emphasized on the importance of getting placed in product-based company.



The guest of honor, Mrs. Sahana Ramesh addressing the audience

Mrs. Sahana Ramesh in her speech pushed on the savvy work than the difficult work. She emphasized on the importance on teams focus areas such as customer electricity, core technology support and digital process enablement. The hackathon guidelines was read by Mr Anilkumar C J, Associate professor Department of CSE.

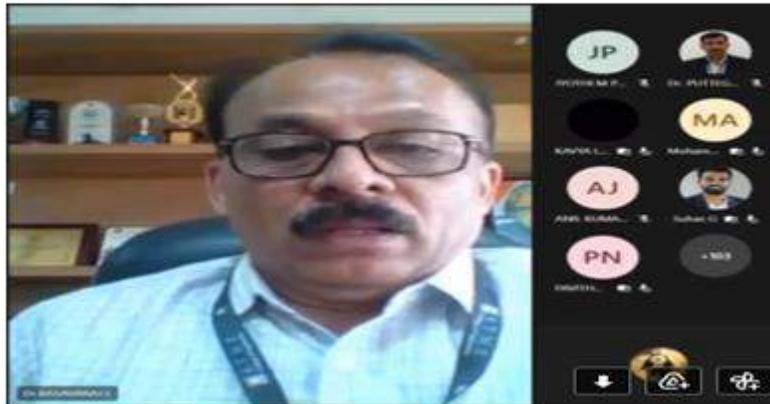
The summary of software based hackathon event is to build mobile application or web application that has to be built from the scratch and the evaluation process were in 3 stages and they were **Evaluation 1:** Day 1(3PM to 5PM), **Evaluation 2:** Day2(10AM to 12PM) and in this evaluation, the teams with best ideas will be chosen that is 8 teams will be shortlisted. **Final round of evaluation:** Day 2(3:30 PM to 5:30 PM). From the top 8 teams, 2 teams were selected and were awarded.

Followed by the principal Dr. Basavaraj L. giving a presidential speech |

Department of Computer Science and Engineering



Department of Computer Science & Engineering



The principal is addressing the event

The principal Dr. Basavaraj L gave a presidential speech on updating their skills and knowledge and also congratulating all the participants in the event and the vote of thanks proposed by Mrs. Akshatha A, Assistant professor, Dept of CSE.

The students continued with their coding and some of the screenshots of the teams presenting their ideas were:



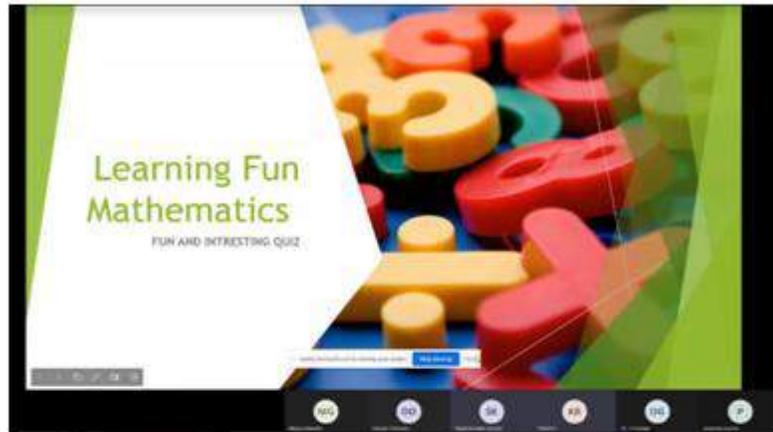
ATME COLLEGE OF ENGINEERING

13th kilometer, Mysore Bangalore Road, Mysore- 570 028
 Contact : 0821 2593335 F : 0821 2593328
 Email : cddept@atme.in Web : www.atme.in

Department of Computer Science and Engineering

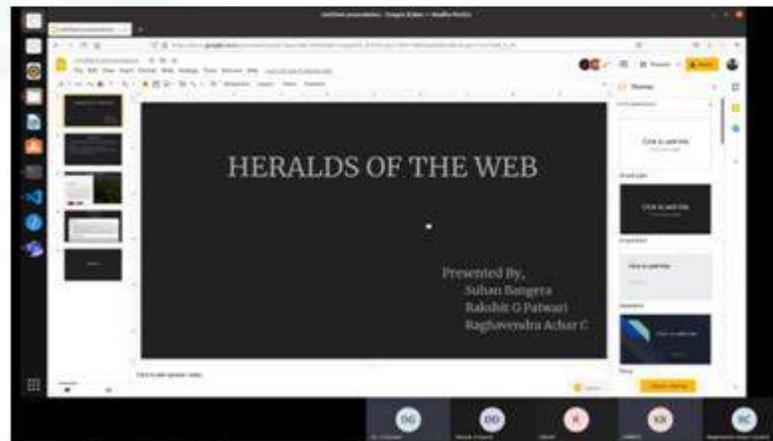
Department of Computer Science & Engineering

The team ~~sticker~~ presenting their ideas in ppt



The team ~~learning fun mathematics~~ presenting their ideas

The students presented their ideas in ppts and ~~there~~ by developing a mobile application. From each teams, 2-3 students participated.



ATME COLLEGE OF ENGINEERING

13th kilometer, Mysore ~~xxxxxxxxx~~ Bangalore Road, Mysore- 570 028 ~~xxxxxxxxx~~ 2593335 F : 0821-2593328
Email: ~~xxxxxxxxx~~ cs_dept@atme.in Web : www.atme.in

Department of Computer Science and Engineering

Self-learning through MOOC Platforms

Department of Computer Science and Engineering

b. Few of the sample certifications by our students

2017-2021 Batch

USN	NAME
4AD17CS022	Divya H



Department of Computer Science and Engineering

USN	NAME
4AD17CS018	Canny Cushalappa



M UNIVERSITY OF MICHIGAN

May 4, 2021

Canny Cushalappa NJ

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at coursera.org/verify/PUGVF9DE5UJX
Coursera has confirmed the identity of this individual and their participation in the course.

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ICT Based Learning

Department of Computer Science and Engineering

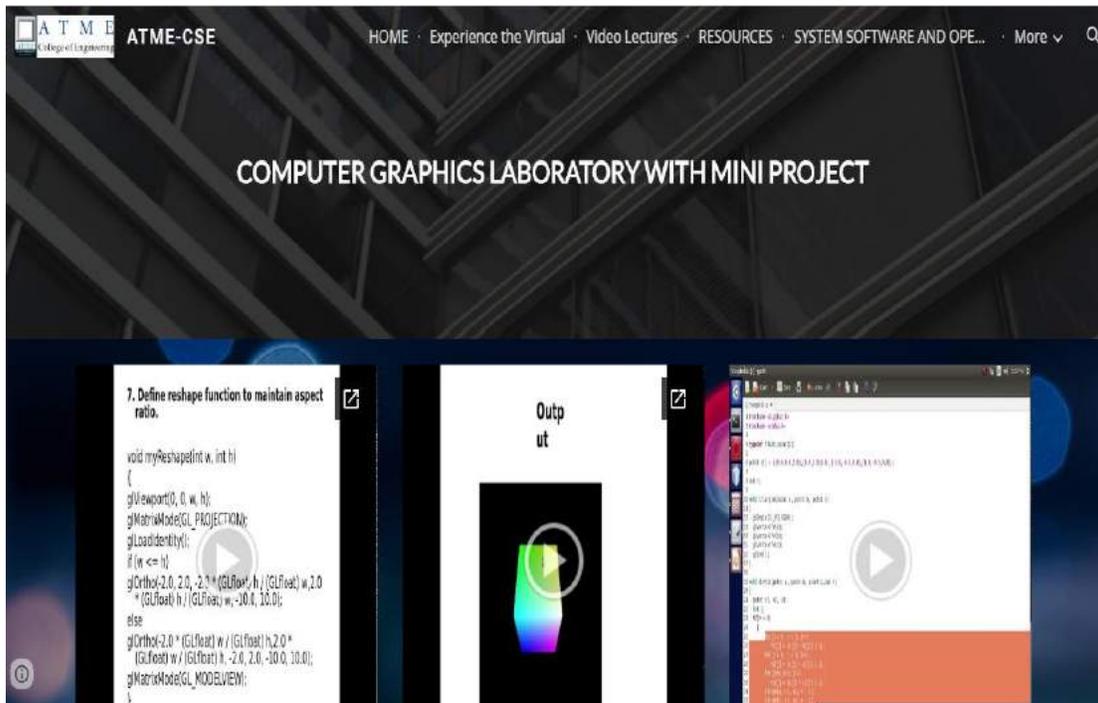
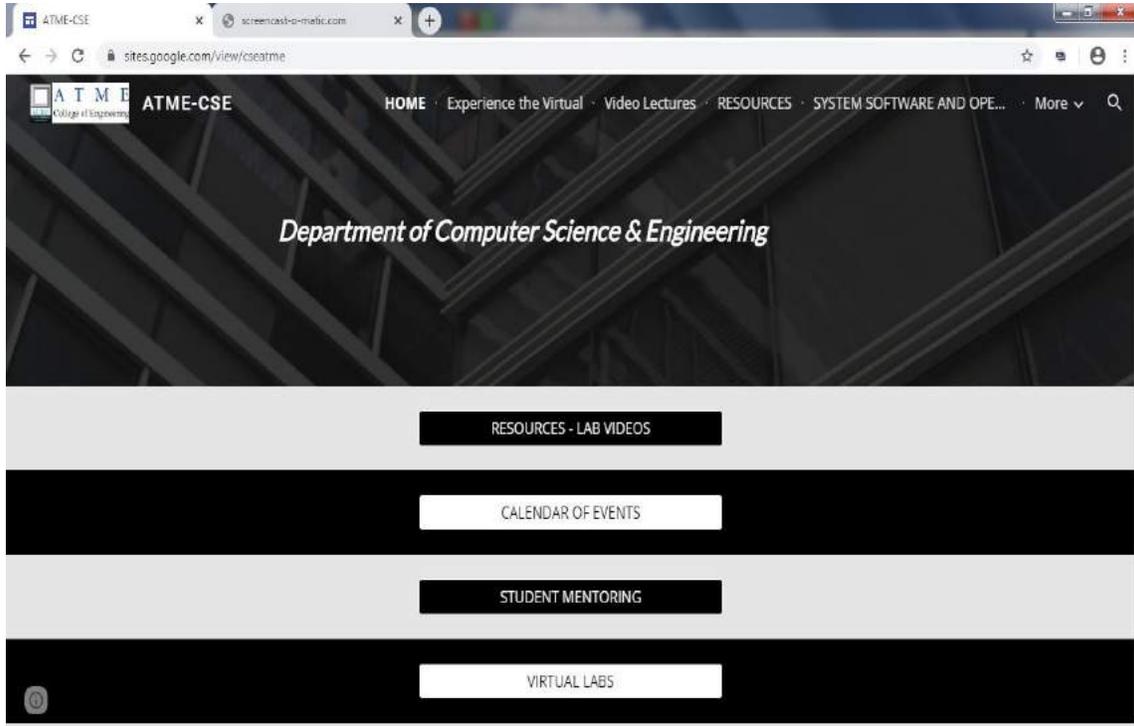
Information Communication Technology (ICT) tools used for Teaching & Learning Process (TLP)

Information Communication Technology (ICT) tools contribute to high quality lessons as they have potential to increase students' motivation, connect students to many information sources, and support out-class learning environments. The Department of Computer Science and Engineering is inclined to use of following ICT tools to deliver TLP:

1. Microsoft Teams
 2. Google classroom
 3. YouTube
- a) The faculty members of the Department of CSE have conducted Live Online classes through MS Teams, and shared videos, PPTs through Google classroom and also evaluated students through MS Team, Google classroom for Assignment in the form of Quiz. In addition to this, recorded videos of laboratory experiments uploaded on YouTube.
 - b) Project Phase Evaluation, Seminar and Internship evaluation was also conducted through MS teams Platform
 - c) Webinars for students are also conducted through MS teams, Youtube Live streaming.

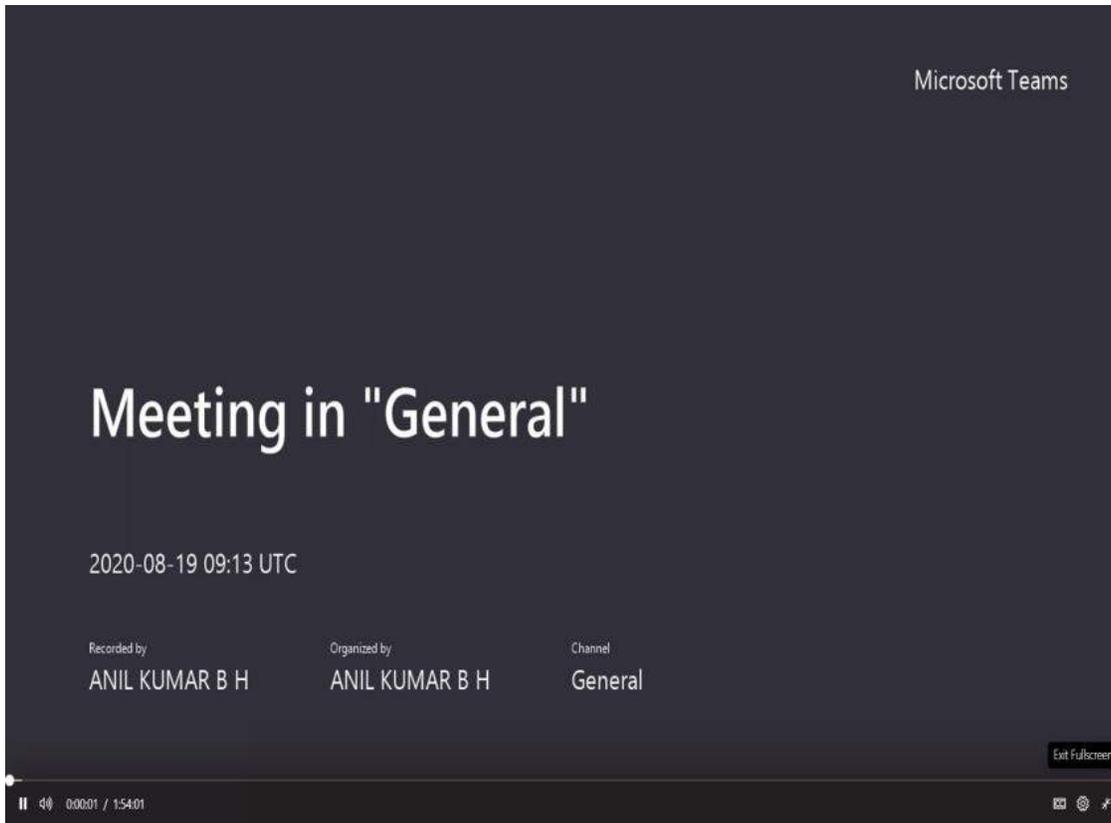
Department of Computer Science and Engineering

Computer Science and Engineering Department Website



Department of Computer Science and Engineering

MS Teams Screenshot Project Evaluation:



Microsoft Teams

Meeting in "General"

2020-08-19 09:13 UTC

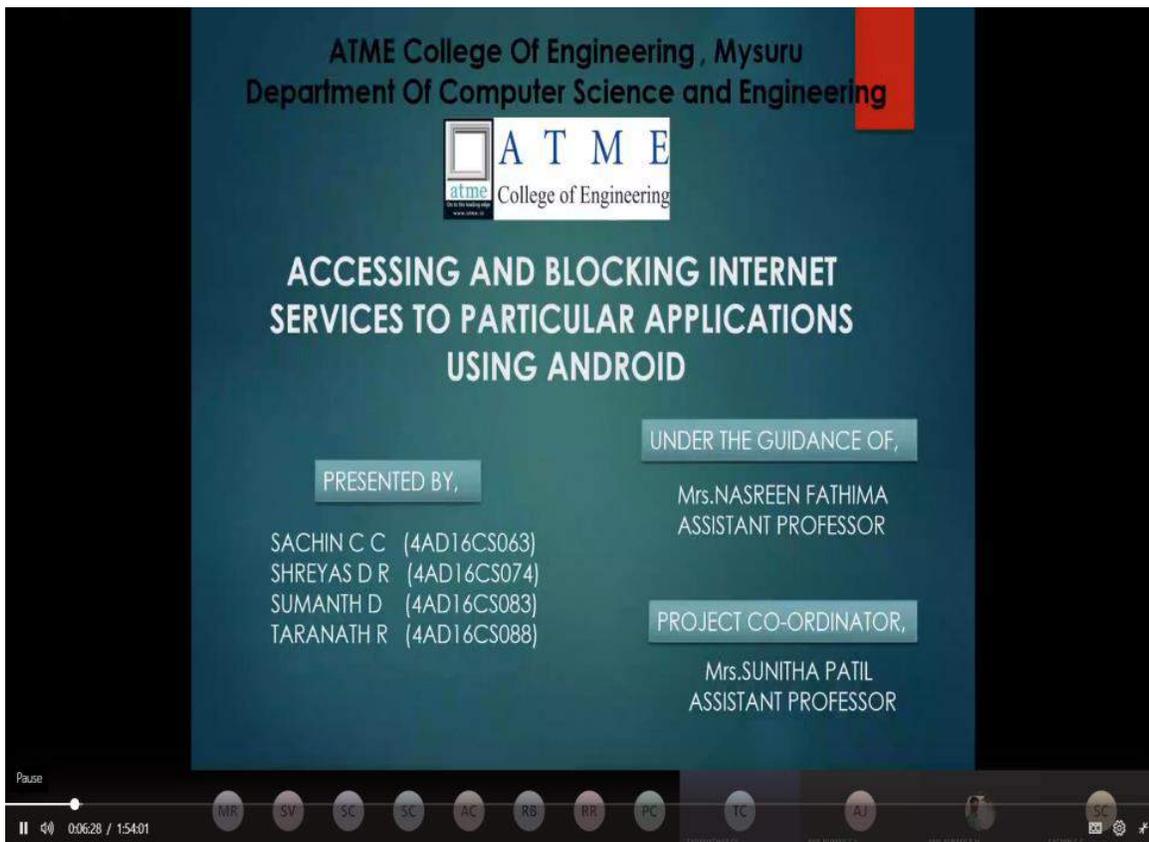
Recorded by
ANIL KUMAR B H

Organized by
ANIL KUMAR B H

Channel
General

Exit Fullscreen

00:01 / 1:54:01



ATME College Of Engineering , Mysuru
Department Of Computer Science and Engineering

 **A T M E**
College of Engineering

ACCESSING AND BLOCKING INTERNET SERVICES TO PARTICULAR APPLICATIONS USING ANDROID

PRESENTED BY,

SACHIN C C (4AD16CS063)
SHREYAS D R (4AD16CS074)
SUMANTH D (4AD16CS083)
TARANATH R (4AD16CS088)

UNDER THE GUIDANCE OF,

Mrs. NASREEN FATHIMA
ASSISTANT PROFESSOR

PROJECT CO-ORDINATOR,

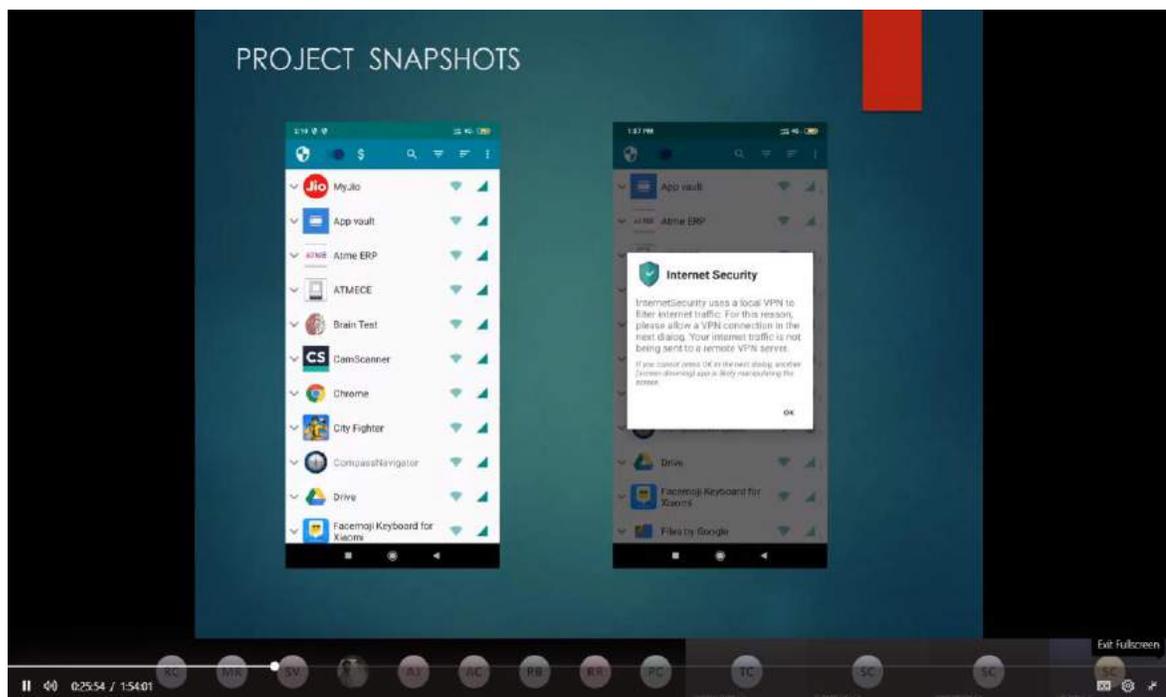
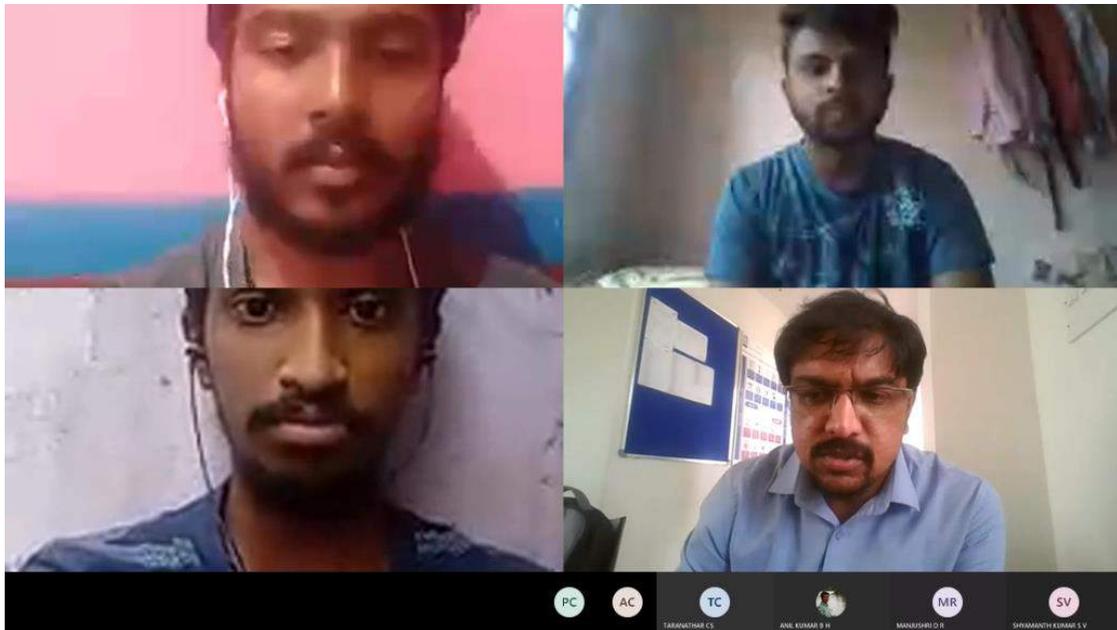
Mrs. SUNITHA PATIL
ASSISTANT PROFESSOR

Pause

00:28 / 1:54:01

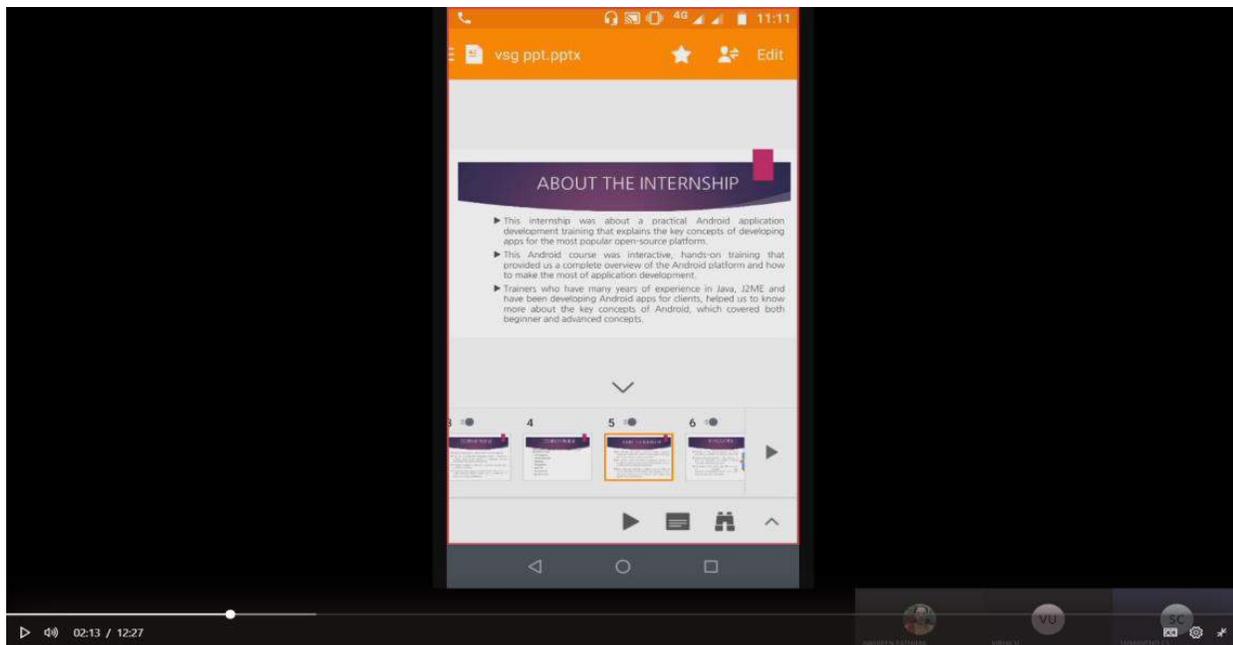
MR SV SC SC AC RB RR PC TC AJ SC

Department of Computer Science and Engineering

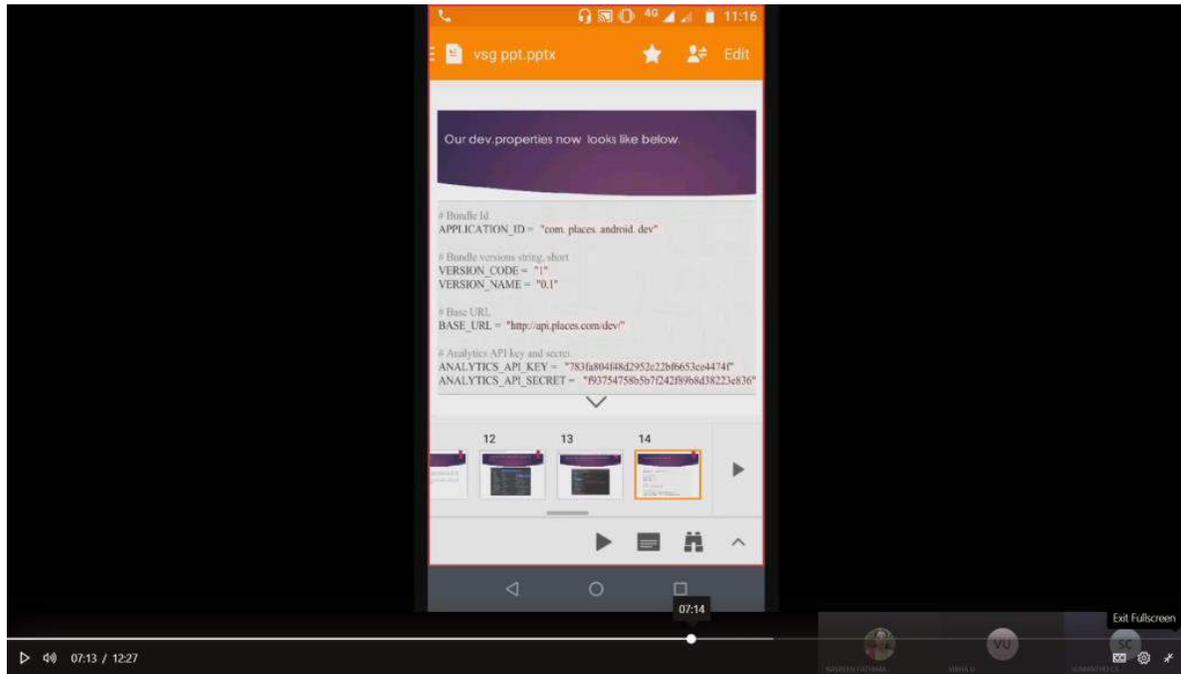


Department of Computer Science and Engineering

Internship Evaluation:



Department of Computer Science and Engineering



Seminar Evaluation:



Department of Computer Science and Engineering

Optimum subscribed power is the second indicator where the impact of scheduling scheme leads to subscribed power reduction (Fig. 6).

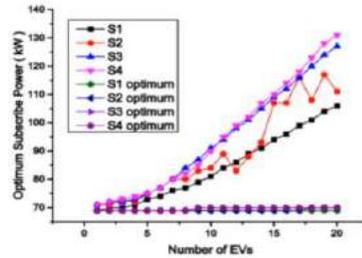


Fig. 6. Comparison of optimum P_{sub} .

ASSUMPTIONS

Considering the charging scenarios

- Considering the railway station in Paris in order to propose charging solutions and analyse the impacts of different charging scenarios.
- The objective is to minimize the AEI using electric vehicles as controllable charge.
- The **daily load profile (DLP)** of the railway station is illustrated in the below figure.

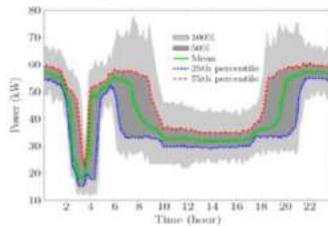


Fig. 1. Daily load profile of understudying railway station.

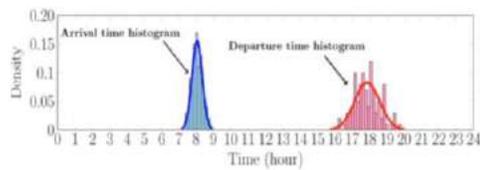


Fig. 2. Arrival/departure time histogram to/from the railway station.

Department of Computer Science and Engineering

Assignment Evaluation using MS Forms



Microsoft Teams

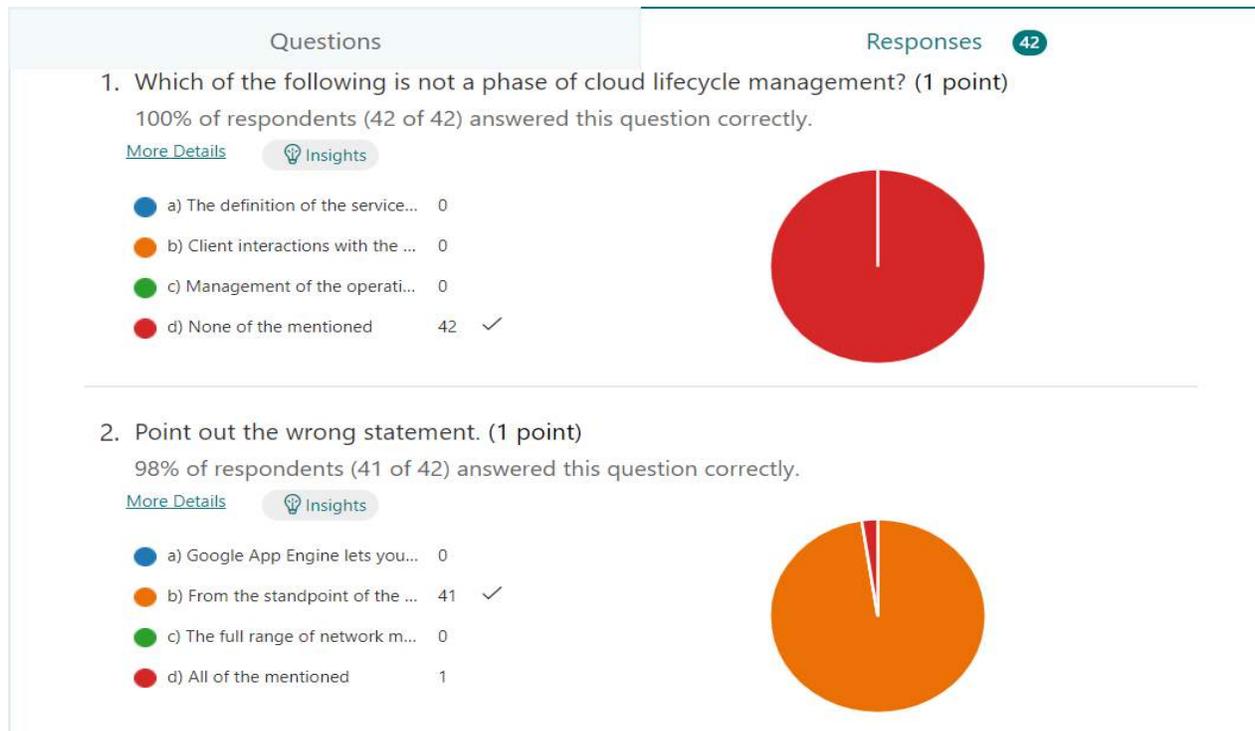
Microsoft Teams is a unified communication and collaboration platform that combines persistent workplace chat, video meetings, file storage (including collaboration on files), and application integration. The service integrates with the Office 365 subscription office productivity suite and features extensions that can integrate with non-Microsoft products. Microsoft Teams is a competitor to services such as Slack and is the evolution and upgrade path from Microsoft Skype for Business.

Course: Cloud Computing and its Applications

Engineering Course Code:
17CS742

Questions	Responses 42	
17CS742-CCA-Assignment 03-7th A Section (CSE/2020-21/7A)		
42 Responses	9.8 Average Score	Active Status
Review answers	Post scores	 Open in Excel

Department of Computer Science and Engineering



3. Which type of Hypervisor is shown in the following figure? (1 point)

98% of respondents (41 of 42) answered this question correctly.

[More Details](#)

[Insights](#)

- a) Type 1 41 ✓
- b) Type 2 0
- c) Type 3 1
- d) All of the mentioned 0



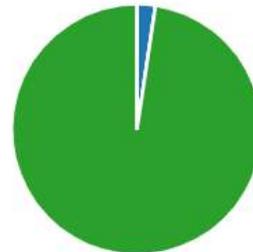
4. Which of the following is Type 2 VM? (1 point)

98% of respondents (41 of 42) answered this question correctly.

[More Details](#)

[Insights](#)

- a) VirtualLogix VLX 1
- b) VMware ESX 0
- c) Xen 41 ✓
- d) LynxSecure 0



5. Which of the following is an edge-storage or content-delivery system that caches data in different physical locations? (1 point)

98% of respondents (41 of 42) answered this question correctly.

[More Details](#)

[Insights](#)

- a) Amazon Relational Databas... 1
- b) Amazon SimpleDB 0
- c) Amazon Cloudfront 41 ✓
- d) Amazon Associates Web Se... 0



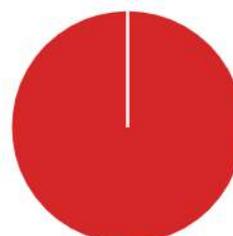
6. Which of the following Google Application can be found in Android? (1 point)

100% of respondents (42 of 42) answered this question correctly.

[More Details](#)

[Insights](#)

- a) Google Translate 0
- b) Google Shopper 0
- c) My Tracks 0
- d) All of the mentioned 42 ✓



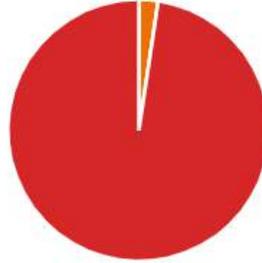
7. Which of the following applications are processed locally on the phone? (1 point)

98% of respondents (41 of 42) answered this question correctly.

[More Details](#)

 Insights

- a) Google Earth 0
- b) Google Maps 1
- c) Google Voice 0
- d) None of the mentioned 41 ✓

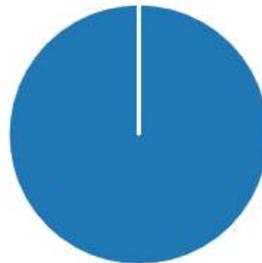


8. Applications using managed cloud storage are _____ as a Service Web service. (1 point)

100% of respondents (42 of 42) answered this question correctly.

[More Details](#)

- a) Infrastructure 42 ✓
- b) Platform 0
- c) Service 0
- d) All of the mentioned 0



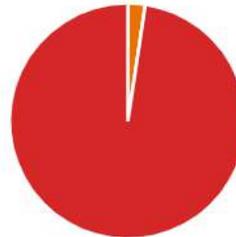
9. Which of the following web applications can be deployed with Azure? (1 point)

98% of respondents (41 of 42) answered this question correctly.

[More Details](#)

 Insights

- a) ASP.NET 0
- b) PHP 1
- c) WCF 0
- d) All of the mentioned 41 ✓



10. Amazon _____ cloud-based storage system allows you to store data objects ranging in size from 1 byte up to 5GB. (1 point)

98% of respondents (41 of 42) answered this question correctly.

[More Details](#)

 Insights

- a) S1 1
- b) S2 0
- c) S3 41 ✓
- d) S4 0



Department of Computer Science and Engineering

Assignment through GForms

Sample Screenshot

Sample Form

The screenshot displays a Google Forms interface for an assignment. The browser tabs include 'Sent Mail - mssunithapate...', 'My Drive - Google Drive', 'Untitled form - Google Forms', 'PPTS - Google Drive', 'OS(18CS43)', and 'Gmail'. The address bar shows the form URL: `docs.google.com/forms/d/1Le2Jb18kEZWZx6Gaj-zihikVdaj8jxEd1sz2qKY4pGU/edit`. The form is titled 'Untitled form' and has a 'Send' button. The 'Questions' tab is active, showing three multiple-choice questions. The first question asks for the output of a Python print statement. The second question asks for the value shown when a function that does not return a value is executed. The third question asks for the Python module that supports regular expressions. The 'Responses' tab shows 79 responses, and the total points are 10. The Windows taskbar at the bottom shows the search bar, task view, and several application icons, with the system clock displaying 01:11 PM on 10-05-2021.

Questions Responses 79 Total points: 10

Short-answer text

1. What is the output of the following program : `print 'Hello World'[:-1]` *

- dnoW olleH
- Hello Worl
- d
- Error

2. Given a function that does not return any value, what value is shown when executed at the shell? *

- Int
- Bool
- Void
- None

3. Which module in Python supports regular expressions? *

Show all

Department of Computer Science and Engineering

Google form Evaluation

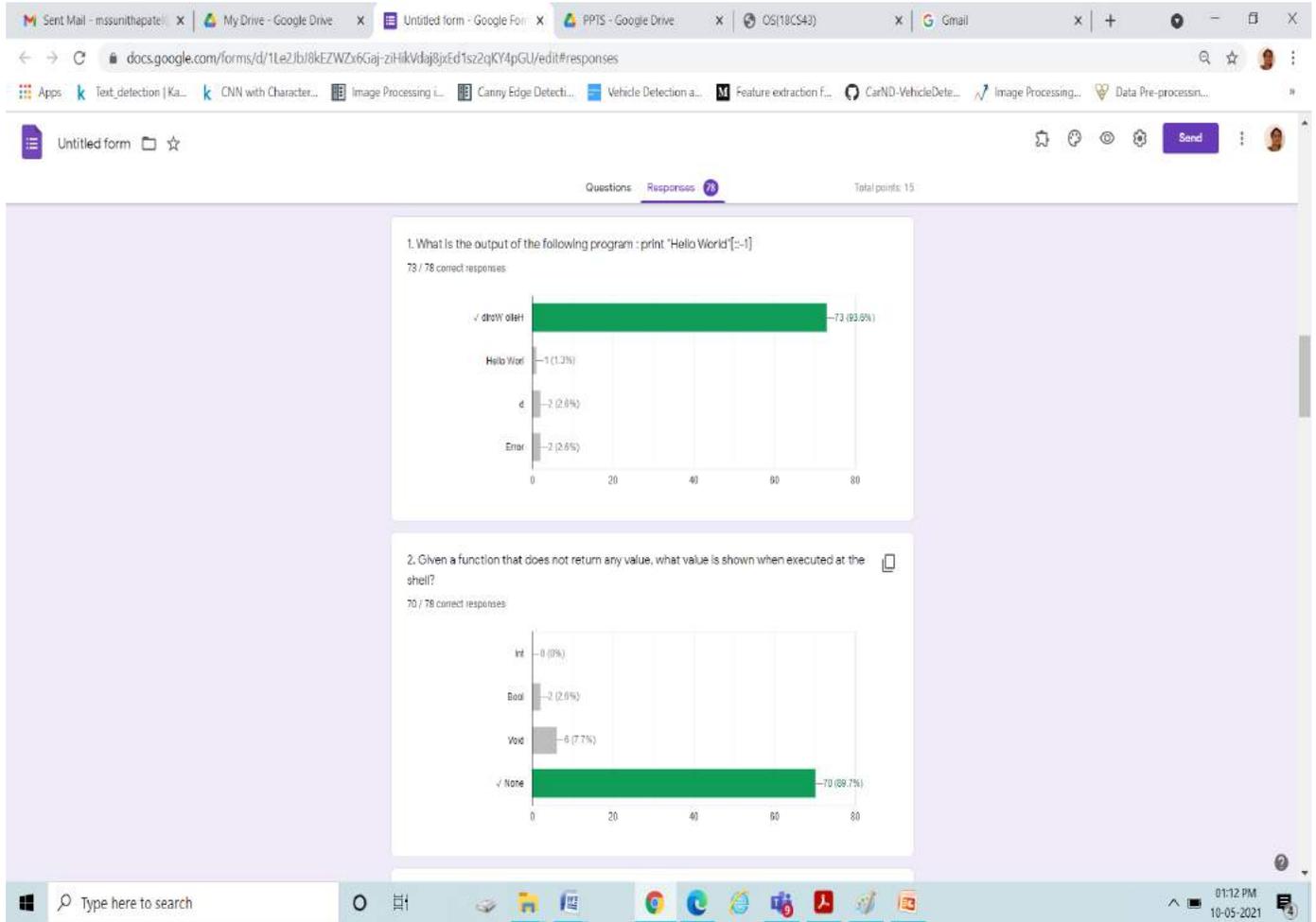
The screenshot displays a Google Forms interface for an evaluation. The browser tabs include 'Sent Mail - mssunithapate...', 'My Drive - Google Drive', 'Untitled form - Google Forms', 'PPTS - Google Drive', 'OS(18CS43)', and 'Gmail'. The address bar shows the form URL: docs.google.com/forms/d/1Le2Jb18kEZwZx6Gaj-zihikVdaj8jxEd1sz2qKY4pGU/edit#responses. The form title is 'Untitled form'. The 'Responses' tab is active, showing '78 responses' and 'Total points: 15'. The 'Accepting responses' toggle is turned on. Below the response count, there are tabs for 'Summary', 'Question', and 'Individual'. The 'Insights' section shows summary statistics: Average (12.78/15 points), Median (14/15 points), and Range (4-14 points). A bar chart titled 'Total points distribution' shows the number of respondents for each score. The 'Scores' section includes a 'Release scores' button and a table with columns for 'Email', 'Score/15', and 'Score released'. The Windows taskbar at the bottom shows the search bar, task view, and various application icons, with the system clock displaying '01:12 PM 10-05-2021'.

Points scored	No. of respondents
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	2
13	3
14	45

Email	Score/15	Score released
mssunithapateh@gmail.com	11	11 Aug 12:44

Department of Computer Science and Engineering

Response Evaluation



Department of Computer Science and Engineering



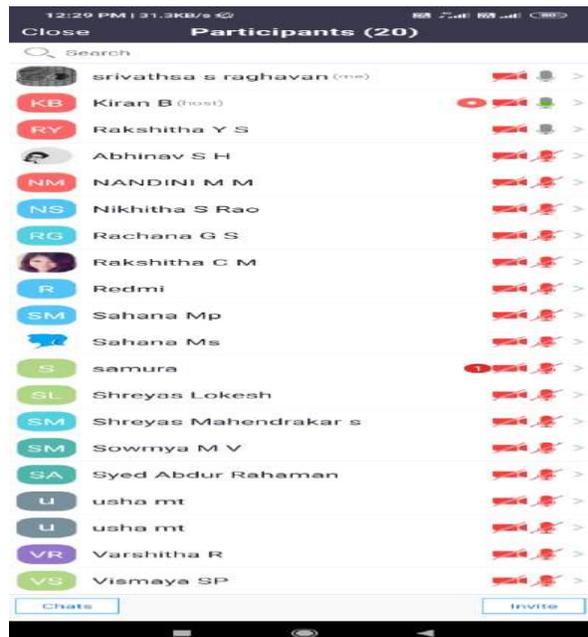
Webex Meetings

WebEx

WebEx is a set of tools designed for personal and corporate collaboration. It's **used to** connect to others, typically through the internet, and allows you to communicate with audio, video, text chat, file sharing, whiteboard and other features.

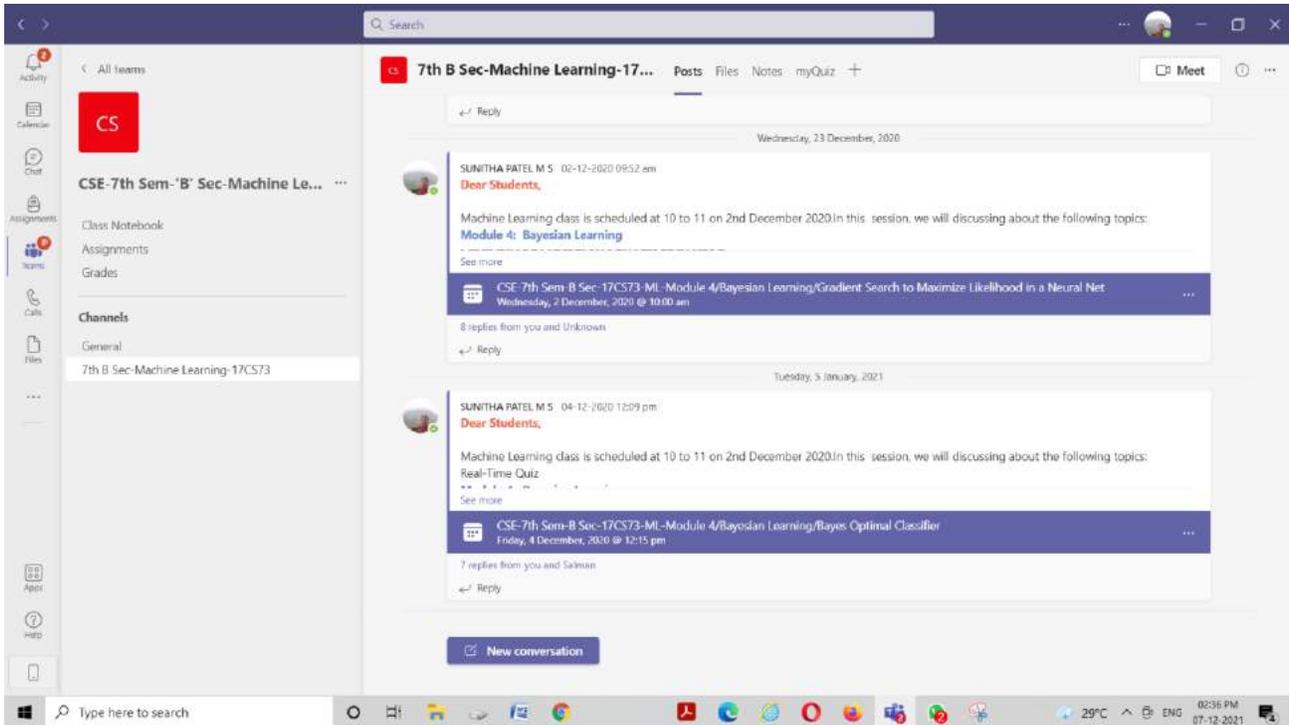
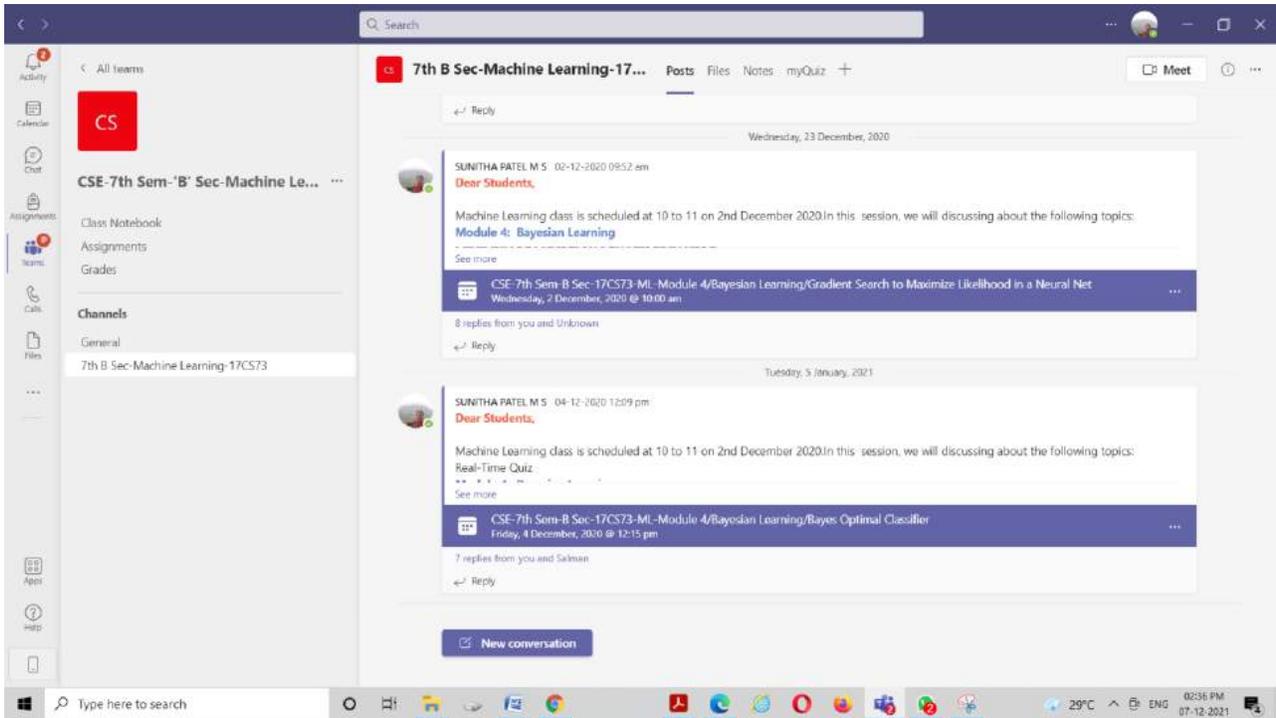
A **Webex** meeting is an online meeting that allows you to virtually meet with other people, without leaving your home or office.

Webex meetings require a computer with Internet access and a separate phone line. By logging into the meeting via the Internet, you will be able to see the presenter's computer screen.



Department of Computer Science and Engineering

MS Teams Channel Screenshot



Department of Computer Science and Engineering

Student Learning Resources

Study Materials

Website Link: <https://atme.in/computer-science-engineering/resources/>

CS
About The Department
Infrastructure
Faculty Details
Achievements
Research Initiative
Student Learning Centric
Industry Interface
Placement and Higher studies
Co-curricular & Extracurricular Activities
News Letter
Teachers Teaching Analysis
Counselling Module

Academic Year – 2020-2021

4TH Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES/ LAB MANUAL	PPT	IA Scheme
1	18MAT41	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS		LINK				
2	18CS42	DESIGN AND ANALYSIS OF ALGORITHMS	Ms Lavanya M S	LINK				
3	18CS43	OPERATING SYSTEMS	Mrs Sunitha Patel	LINK				
4	18CS44	MICRO CONTROLLERS AND EMBEDDED SYSTEMS	Mr Anil Kumar B H	LINK				
5	18CS45	OBJECT ORIENTED CONCEPTS	Mrs Jyothi M Patil	LINK				
6	18CS46	DATA COMMUNICATION	Ms Lavanya M S	LINK				
7	18CSL47	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Ms Lavanya M S	LINK	LINK	LINK		
8	18CSL48	MICRO CONTROLLERS AND EMBEDDED SYSTEMS LABORATORY	Mr Anil Kumar B H	LINK	LINK	LINK		
9	18KAK49	ADALITHA KANNAADA	Mr Chandrashekar C	LINK				
6TH Semester								
1	18CS61	SYSTEM SOFTWARE & COMPILERS	Mr Anil Kumar CJ	LINK				
2	18CS62	COMPUTER GRAPHICS & VISUALIZATION	Mrs Keerthana M M	LINK				
3	18CS63	WEB TECHNOLOGY & ITS APPLICATIONS	Mrs Kavyashree E D	LINK				
4	18CS641	DATA MINING AND DATA WAREHOUSING	Mrs Nasreen Fathima	LINK				
5	18CS643	CLOUD COMPUTING & ITS APPLICATIONS	Mrs Akshatha A	LINK				
6	18CS644	ADVANCED JAVA & J2EE	Ms Lavanya M S	LINK				
7	18CSL66	SYSTEM SOFTWARE LABORATORY	Mr Anil Kumar CJ	LINK				
8	18CSL67	COMPUTER GRAPHICS LABORATORY WITH MINI PROJECT	Mrs Keerthana M M	LINK	LINK	LINK		
9	18CSMP68	MOBILE APPLICATION DEVELOPMENT LABORATORY	Mr Raghuram A S	LINK	LINK	LINK		
10	18CS653	PROGRAMMING IN JAVA	Mr Kiran B	LINK				
11	18CS654	OPERATING SYSTEM	Mrs Asha M S	LINK				
12	18CS651	MOBILE APPLICATION DEVELOPMENT	Mr Raghuram A S	LINK				
8TH Semester								
1	17CS81	INTERNET OF THINGS AND APPLICATIONS	Mrs Sneha N P	LINK				
2	17CS82	BIG DATA ANALYTICS	Mrs Sunitha Patel	LINK				
3	17CS832	USER INTERFACE DESIGN	Mr Anil Kumar B H	LINK				
4	17CS833	NETWORK MANAGEMNET	Mrs Keerthana M M	LINK				

Bowda
 HOD

HOD
 Dept. of Computer Science & Engg
 ATME College of Engineering
 Mysuru-570024

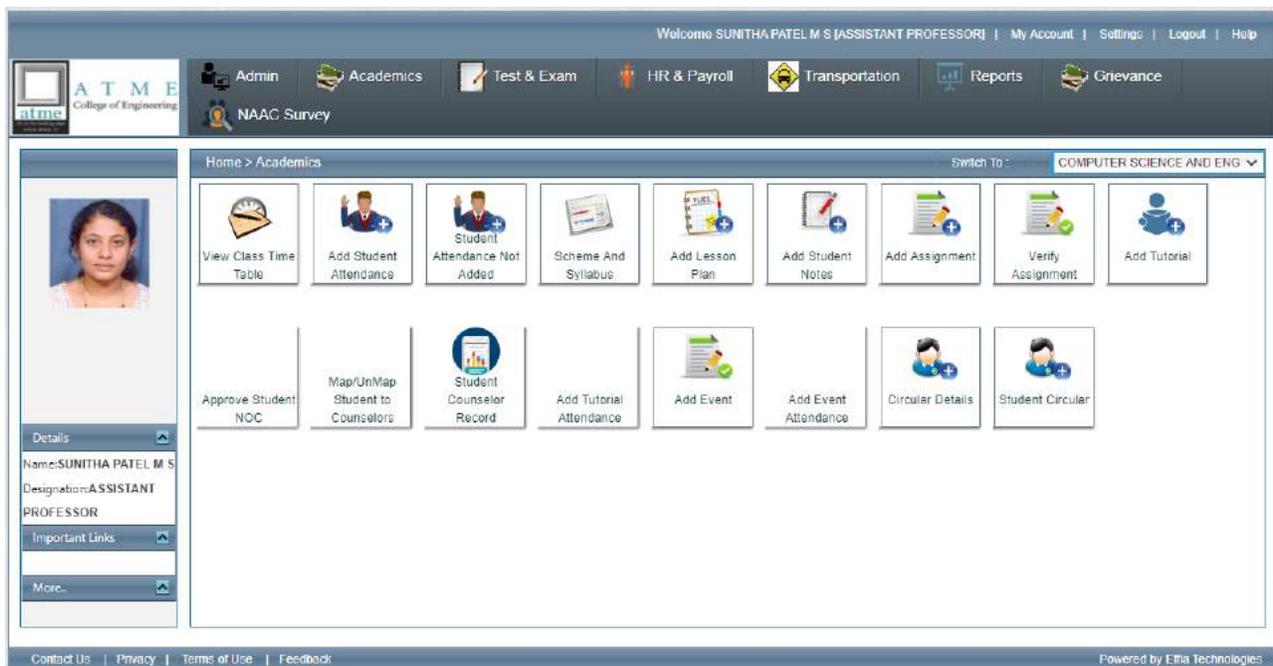
Department of Computer Science and Engineering

Student Learning Resources

College Enterprise Resource Planning (CERP)

- Notes and PPT
- CERP Link : <https://eerp.effia.co.in/WebForms/frmLogin.aspx>

Note: Credentials is required for Login



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Admin Academics Test & Exam HR & Payroll Transportation Reports Grievance

NAAC Survey

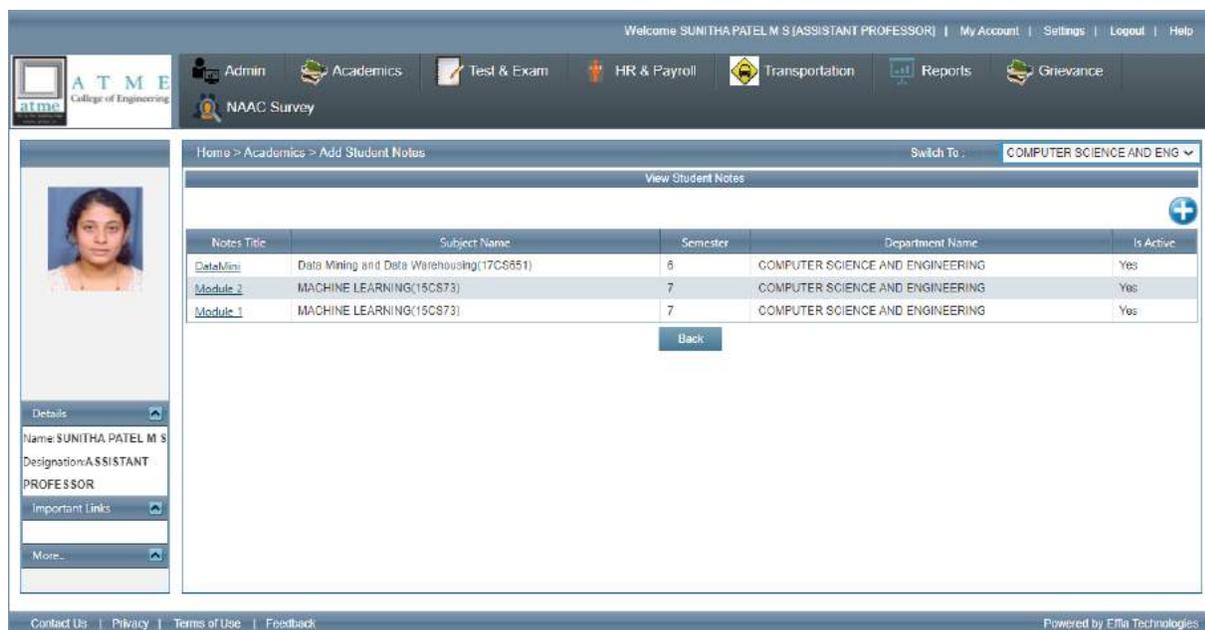
Home > Academics Switch To: COMPUTER SCIENCE AND ENG

View Class Time Table Add Student Attendance Student Attendance Not Added Scheme And Syllabus Add Lesson Plan Add Student Notes Add Assignment Verify Assignment Add Tutorial

Approve Student NOC Map/UnMap Student to Counselors Student Counselor Record Add Tutorial Attendance Add Event Add Event Attendance Circular Details Student Circular

Details
 Name: SUNITHA PATEL M S
 Designation: ASSISTANT PROFESSOR
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NAAC Survey

Home > Academics > Add Student Notes Switch To: COMPUTER SCIENCE AND ENG

View Student Notes

Notes Title	Subject Name	Semester	Department Name	Is Active
DataMining	Data Mining and Data Warehousing(17CS651)	6	COMPUTER SCIENCE AND ENGINEERING	Yes
Module 2	MACHINE LEARNING(15CS73)	7	COMPUTER SCIENCE AND ENGINEERING	Yes
Module 1	MACHINE LEARNING(15CS73)	7	COMPUTER SCIENCE AND ENGINEERING	Yes

Back

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Department of Computer Science and Engineering

Participatory Learning

1. Webinars for Industry Institute Interaction
2. Technical Fest competitions offering peer to peer learning and enhancing Technical & logical thinking skills
3. Paper Presentation Activity
4. Co-curricular & Extra-Curricular activities/contests to imbibe self-confidence among students.
5. Group Assignment Activity

Department of Computer Science and Engineering

List of Activities / Events planned in the department under ATMECE Decennial Celebration(10-10-202 to 10-10-2021)

SI No	Events Planned	Date	Event Coordinator
1	Technical Talk on “Pervasive Computing”	19 -11-2020	M S Sunitha Patel Impana Appaji
2	Workshop on “Front End & Database Design”	23-11-2020 to 24-11-2020	Anil Kumar B H Jyothi M Patil
3	Webinar on NLP	28-11-2020	Dr. J V Gorabal
4	Webinar on “Data Science & its Applications”	22-06-21	Akshatha A
5	Webinar on “Career Pathway and Study Abroad Opportunities”	23-06-2021	Kavyashree.E.D
6	Workshop on “Latex”	24-06-2021 to 26-06-202	Anil Kumar B H
7	National Level “Hackathon”2 under CSI Student Branch	02-07-2021 to 03-07-2021	Anil Kumar C J Lavanya N
8	Project Exhibition	02-08-2021	Anil Kumar B H

Department of Computer Science and Engineering

Technical Talk on “Pervasive Computing”

Department of Computer Science & Engineering had organized a Technical Talk on “**Pervasive Computing**” on **19th NOV 2020** virtually for faculties and students as a part of decennial celebration.

Around 157 participants were registered for the event. Through telegram link all the event activities and feedback link were shared. Registration for the Technical Talk was free. Many students and faculties have effectively participated. Live YouTube link was provided for the participants to attend and free certificates were issued to active 157 participants.

Eminent speakers from various institutions were invited as resource persons. Dr. Puttegowda D, HOD, CSE, Thanked all the speakers for delivering their topics excellently and also the management and Principal Dr Basavaraj L for their kind support in organizing the event.

Mrs. Impana Appaji and Mrs. Sunitha Patel M S coordinated the events and event was hosted by Mrs. Impana Appaji., Assistant professor, Dept., of CSE.

Resource persons and topic delivered are listed below.

Technical Talk on “Pervasive Computing”

on 19th Nov 2020 from 11:00 AM to 12:00 PM

Resource Person



Dr. Srinath S
 Associate Professor
 Dept of Computer Science
 JSS Science & Technology University
 (formerly SJCE), Mysuru.

Convenor/Coordinator



Mrs. Impana Appaji
 Assistant Professor
 Dept. of CSE
 ATMECE
 Ph: 8762578865



Mrs. M S Sunitha Patel
 Assistant Professor
 Dept. of CSE
 ATMECE
 Ph: 9986041490

HOD & Principal Details



Dr Puttegowda D
 HoD, Dept. Of CSE
 ATMECE, Mysuru



Dr L Basavaraj
 Principal
 ATMECE, Mysuru

Registration Free

Registration link:
<https://forms.gle/tAP8X3V2G2snZo89A>

Telegram Group link:
https://t.me/joinchat/S_csSRI_BfwNIWeNS_9amQ

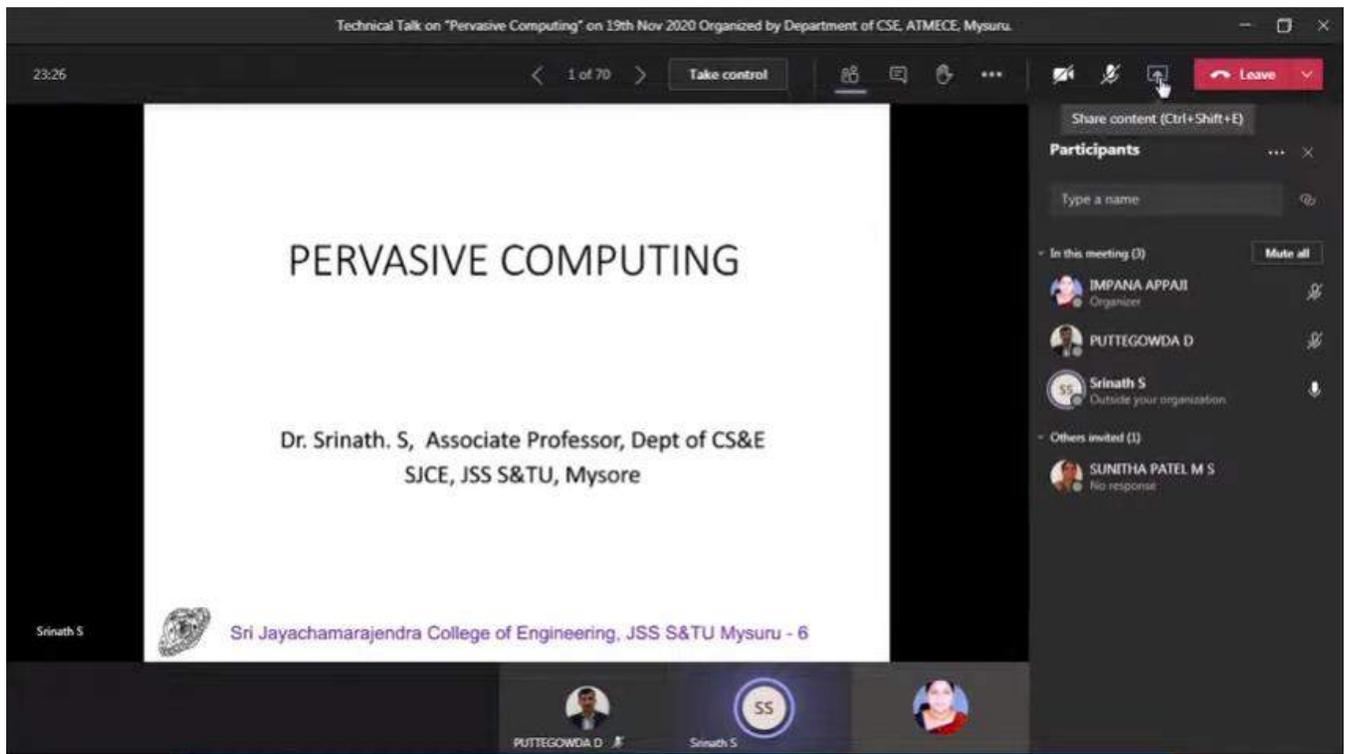
Resource Person: Dr. Srinath S - Associate Professor, Dept., of CSE, SJCE, Mysuru.

Topic Delivered: Pervasive Computing.

Department of Computer Science and Engineering

Dr. Srinath S, Gave an brief overview on Pervasive computing, also called ubiquitous computing, He also spoke regarding the growing trend of embedding computational capability into everyday objects to make them effectively communicate and perform useful tasks in a way that minimizes the end user's need to interact with computers as computers. He showed how the Pervasive computing devices are network-connected and constantly available. Unlike desktop computing, pervasive computing can occur with any device, at any time, in any place and in any data format across any network and can hand tasks from one computer to another.

Youtube link: <https://youtu.be/4OxDeADKAIA>



Technical Talk on "Pervasive Computing" on 19th Nov 2020 Organized by Department of CSE, ATMECE, Mysuru.

23:26

1 of 70

Take control

Share content (Ctrl+Shift+E)

Participants

Type a name

In this meeting (3)

Mute all

IMPANA APPAJI
Organizer

PUTTEGOWDA D

Srinath S
Outside your organization

Others invited (1)

SUNITHA PATEL M S
No response

Srinath S

Sri Jayachamarajendra College of Engineering, JSS S&TU Mysuru - 6

PUTTEGOWDA D

Srinath S

Department of Computer Science and Engineering

Technical Talk on "Pervasive Computing" on 19th Nov 2020 Organized by Department of CSE, ATMECE, Mysuru.

36:36 13 of 70 Take control Leave



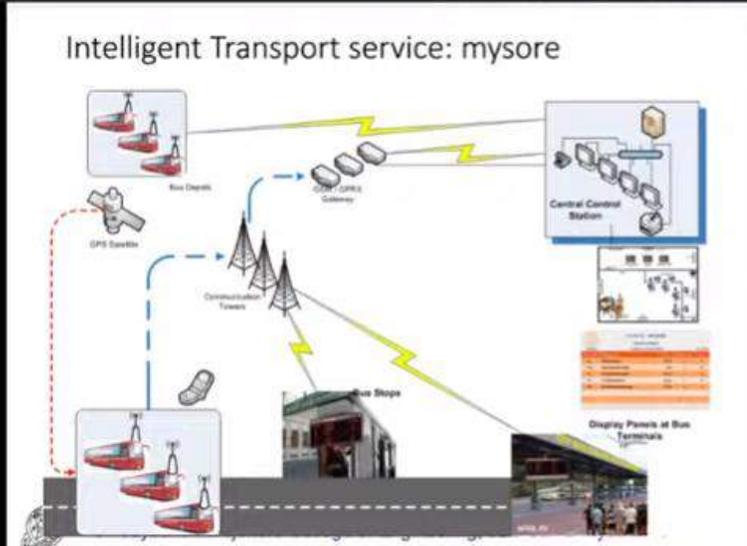
Sri Jayachamarajendra

PUTTEGOWDA D Srinath S

Technical Talk on "Pervasive Computing" on 19th Nov 2020 Organized by Department of CSE, ATMECE, Mysuru.

34:32 12 of 70 Take control Leave

Intelligent Transport service: mysore



Participants

Type a name

- In this meeting (3)
 - Mute all
 - IMPANA APPAJI Organizer
 - PUTTEGOWDA D
 - Srinath S Outside your organization
- Others invited (1)
 - SUNITHA PATEL M S No response

Srinath S PUTTEGOWDA D Srinath S

Department of Computer Science and Engineering

Workshop on “Database Application Development”

Date:23/12/2020 and 24/12/2020

Resource Person: Anil Kumar B.H, Rashmi K

Venue: Department of Computer Science & Engineering, ATMECE.

Event Description: Conducted two day’s workshop on “Database Application Development” in CS Dept. This workshop is targeted to pre final year students for implementation of mini project using database. This workshop is concentrated on different front end design tool like PHP, JAVA and JSP with MySQL database.

Day 1: Explained JDBC process. Java Database Connectivity (JDBC) is an application programming interface (API) for the programming language Java, which defines how a client may access a database. It is a Java-based data access technology used for Java database connectivity and also it is a part of the Java Standard Edition platform, from Oracle Corporation.

Created page using JSP. Java Server Pages (JSP) is a Java standard technology that enables you to write dynamic, data-driven pages for your Java web applications. JSP is built on top of the Java Servlet specification. The two technologies typically work together, especially in older Java web applications.

MySQL has stand-alone clients that allow users to interact directly with a MySQL database using SQL, but more often MySQL is used with other programs to implement applications that need relational database capability. Developed simple application using Java Server Page as front end and MySQL has backend. Implemented operation like insert new record to application, updating of record and delete record from table. And also applied triggers and stored procedure for application.

Day 2: The Day two session started with PHP scripting language .*PHP* is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites and focused on PHP syntax and semantics are the format and the related meanings of the text and symbols in the PHP programming language. They form a set of rules that define how a PHP program can be written and interpreted. The PHP syntax and semantics are the format and the related meanings of the text and symbols in the PHP programming language. They form a set of rules that define how a PHP program can be written and interpreted and also

Department of Computer Science and Engineering

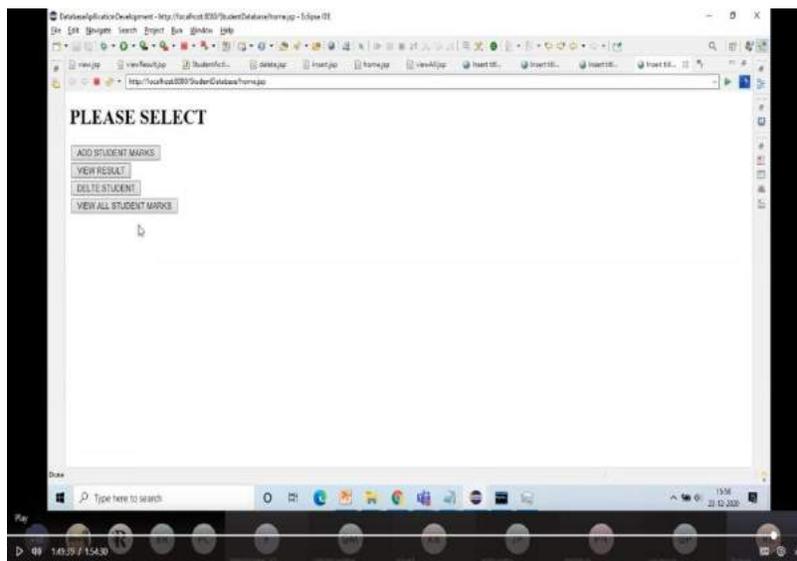
focused on Apache server, Apache HTTP Server, colloquially called Apache, is a free and open-source cross-platform web server software, released under the terms of Apache License 2.0. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation.

Participated 80+ students in online workshop through MS Teams platform.

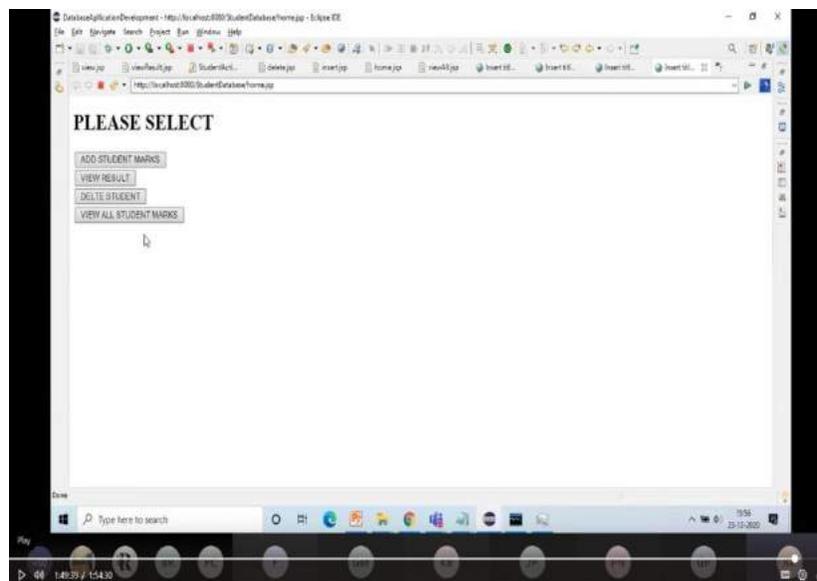
Fit Photos of inauguration as well as student participation:

Photo of workshop while designing app

Day 1:



Day 2:



Department of Computer Science and Engineering

Webinar on Industrial Application of NLP:A Case Study of Text Classification

Department of Computer Science & Engineering had organized a webinar on “Industrial Application of NLP:A Case Study of Text Classification” on **28th November 2020** virtually as a part of decennial celebration for faculties and students.

Around 109 participants were registered for the event. Through whatsApp link all the event activities, PPTs and feedback link were shared. The registration for the webinar was free. Many students and faculties have effectively participated. Live YouTube link was provided for the participants to attend and free certificates were issued to active 50 participants.

Eminent speakers Dr Bharath Bhushan from Pune was invited as a resource person. Mrs.Kavyashree E D and Ms. Lavanya N coordinated the event and event was hosted by Dr J V Gorabal,Professor ,CSE.

Registration Link

<https://docs.google.com/forms/d/e/1FAIpQLSdShsLPqKTVDjVEGjhxHld0RgkZ9z0JV1eX1VdA5ntGeDJA/viewform>

WhatsApp group:

<https://chat.whatsapp.com/D5LD4BcrmLUCLaLMIC5u6J>

Youtube link:

https://youtu.be/5AuXd7_FRRY



The banner features the ATME logo and department name at the top. It includes a central graphic with 'NLP' and 'Natural language processing' text, surrounded by icons of a hand, gears, and a globe. Two circular portraits of speakers are shown: Dr. Bharath Bhushan (Resource Person) and Dr. J.V. Gorabal (Convenor). Below the graphic, the webinar title and date are listed. At the bottom, the names and titles of the co-ordinators, Mrs. Kavyashree E D and Ms. Lavanya N, are provided, along with a note about certificates and registration links.

ATME College of Engineering
 Department of Computer Science and Engineering

NLP Natural language processing

Resource Person: Dr. Bharath Bhushan S N PhD, Data Scientist, StarVise, Pune
 Convenor: Dr. J V Gorabal, Professor, CSE

Webinar on
 “Industrial Application of NLP: A Case Study of Text Classification”
 As a part of Decennial Celebration
 On 28 – 11 – 2020 at 10:00 AM

Dr Basavaraj L, Principal ATMECE, Mysuru
 Dr Puttegowda D, Prof. and Head, Dept. of CSE ATMECE, Mysuru

Co-ordinators
 Mrs Kavyashree E D, Asst. Prof, CSE, 7259488108
 Ms Lavanya N, Asst. Prof, CSE, 9036098516

Note:
 E Certificate will be provided to all the participants

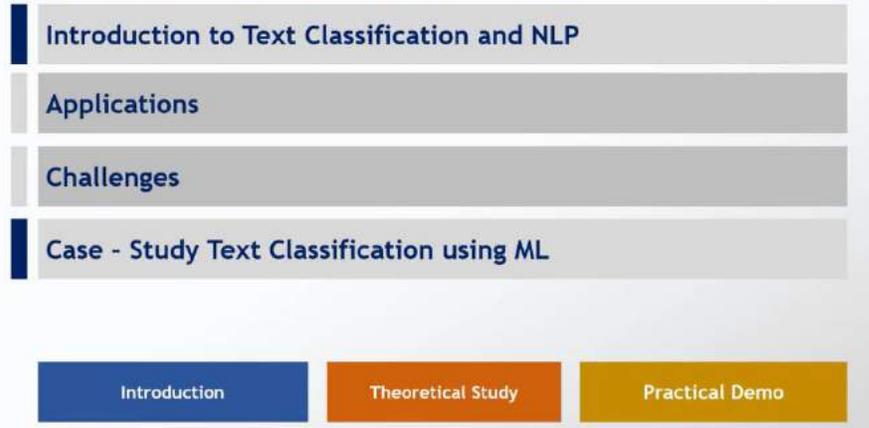
Registration link: <https://forms.gle/yNQIjrjpeYQqgz3p9>
 Whatsapp Group: <https://chat.whatsapp.com/D5LD4BcrmLUCLaLMIC5u6J>
 (all information will be shared to group only, no email will be communicated, it's compulsory to join the group)

Department of Computer Science and Engineering

Resource person and topic delivered are listed below.



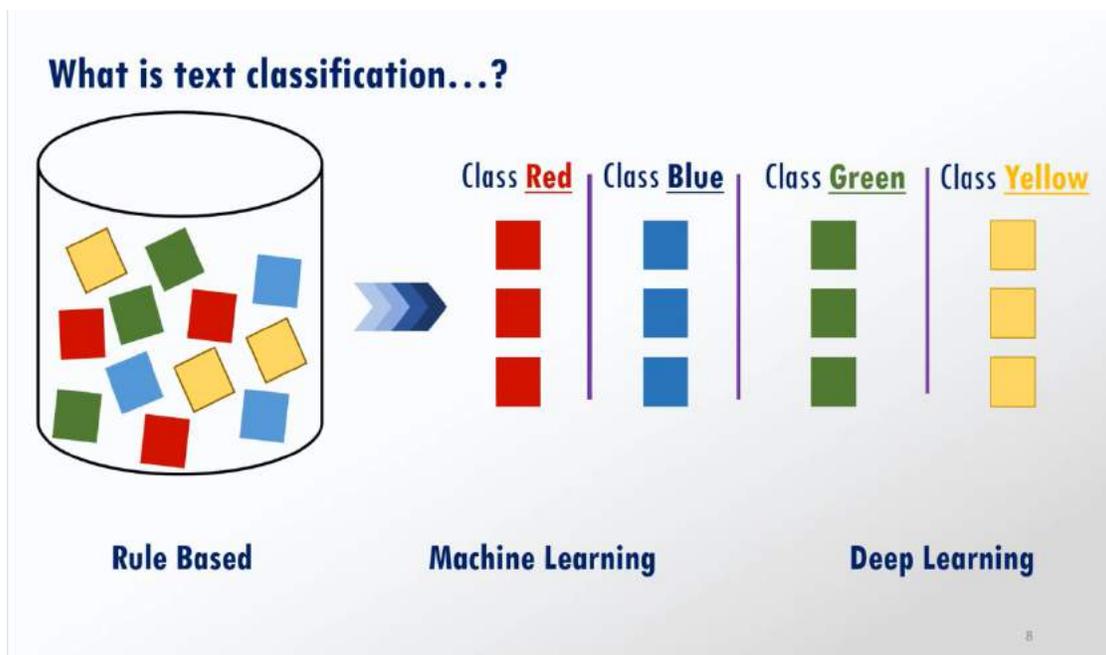
Flow of Presentation



Dr Bharath Bhushan S N PhD

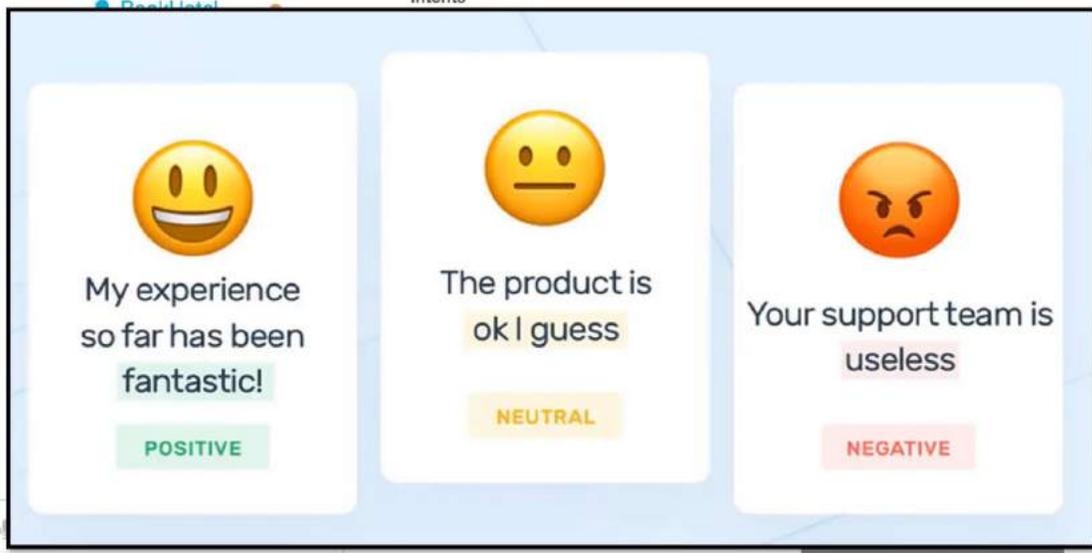
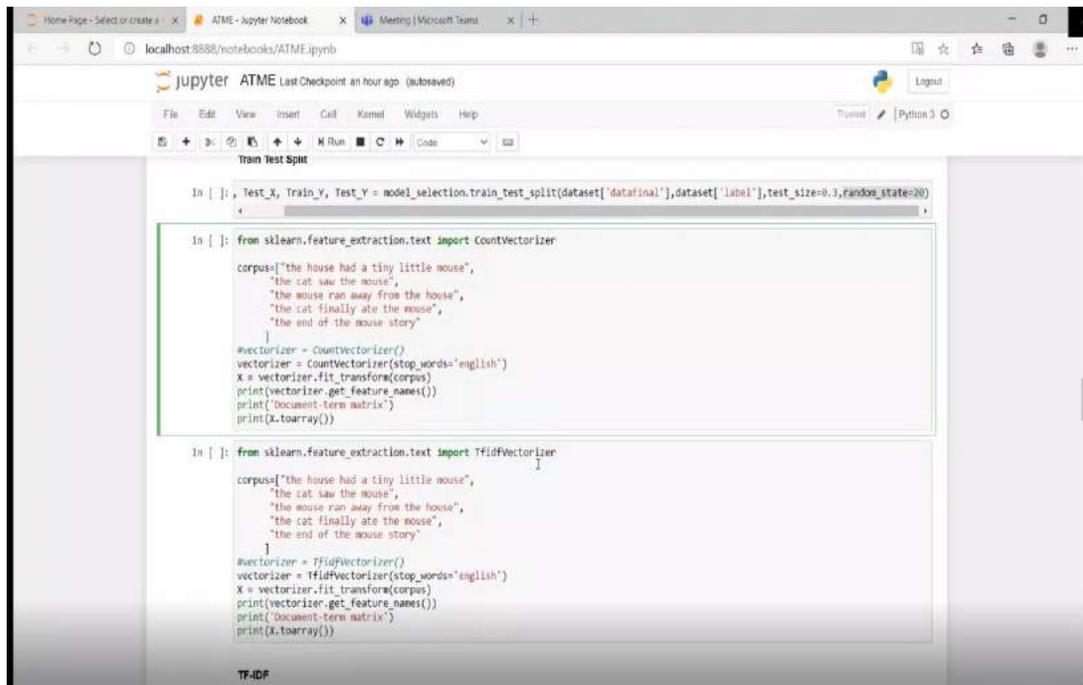
Data Scientist, StarViso Pune

Dr Bharath Bhushan , gave detailed description on Text classification and NLP. Also explained the applications ,challenges of NLP, text mining and a case study of text classification using ML. There was a practical demo IN Jupyter tool using datasets using algorithms.



Department of Computer Science and Engineering

NLP is a branch of Artificial intelligence and Machine learning. Text classification is done using rule based approaches which uses machine learning and deep learning techniques. Initially Text mining or classification transfers the unstructured data into structured data and analyse the data to extract the required information. The resource person took example of Alexa and explained how google assistant works using human speech which also deals with NLP.



 A screenshot of a Jupyter Notebook interface. The notebook is titled "ATME" and shows two code cells. The first cell imports the necessary modules and performs a train-test split on a dataset. The second cell demonstrates the use of CountVectorizer, showing the corpus of text and the resulting document-term matrix. The third cell demonstrates the use of TfidfVectorizer, showing the same corpus and the resulting document-term matrix.


```

In [ ]: Test_X, Train_Y, Test_Y = model_selection.train_test_split(dataset['datafinal'], dataset['label'], test_size=0.3, random_state=20)

In [ ]: from sklearn.feature_extraction.text import CountVectorizer

corpus = ["the house had a tiny little mouse",
          "the cat saw the mouse",
          "the mouse ran away from the house",
          "the cat finally ate the mouse",
          "the end of the mouse story"]

vectorizer = CountVectorizer()
vectorizer = CountVectorizer(stop_words='english')
X = vectorizer.fit_transform(corpus)
print(vectorizer.get_feature_names())
print('document-term matrix')
print(X.toarray())

In [ ]: from sklearn.feature_extraction.text import TfidfVectorizer

corpus = ["the house had a tiny little mouse",
          "the cat saw the mouse",
          "the mouse ran away from the house",
          "the cat finally ate the mouse",
          "the end of the mouse story"]

vectorizer = TfidfVectorizer()
vectorizer = TfidfVectorizer(stop_words='english')
X = vectorizer.fit_transform(corpus)
print(vectorizer.get_feature_names())
print('document-term matrix')
print(X.toarray())
  
```

Ms. Lavanya N, Assistant Professor, CSE, Thanked the resource person for delivering their topics excellently and also the management and Principal Dr L Basavaraj ,Dr Puttegowda D,HOD,CSE for their kind support in organizing the event.

Certificate was issued to resource person and all the participants. The sample is enclosed.

Department of Computer Science and Engineering



A T M E
College of Engineering

ATME College of Engineering
13th Kilometre, Mysore – Kanakapura – Bangalore Road, Mysore – 570 028
Department of Computer Science and Engineering



Certificate

Certificate Id:K70774-CE000031

This certificate is proudly presented to Dr/Mr/Mrs/Ms

VARSHA N

Vidya Vikas Institute of Engineering and Technology

has attended a webinar on **"Industrial Application of NLP : A Case Study of Text Classification"**, organized by Department of Computer Science and Engineering, ATME College of Engineering, Mysuru, on **28.11.2020**.



Dr J V Gorabal
Prof.
Convener/Coordinator



Dr. Puttegowda D
Prof & HoD
Dept. of CSE



Dr L Basavaraj
Principal
ATMECE

Made for free with Certify'em



Department of Computer Science and Engineering

Webinar on “Importance of Data science in modern world”

Event type: Inter College.

Date: 22/06/21

Venue: Department of Computer Science & Engineering, ATMECE.

Resource person/Guest: Name: Mr Shashank S

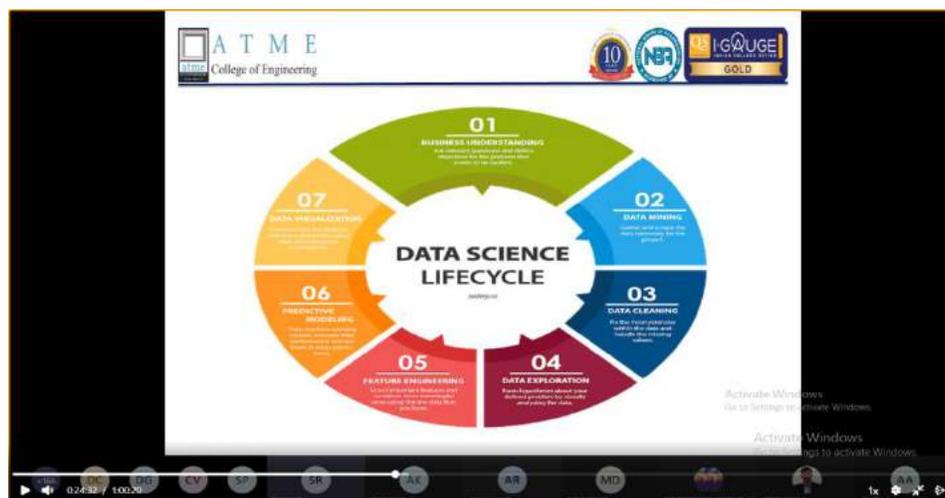
Designation: Application Specialist, Koch Business Solution

Event Description: Conducted a webinar on “Importance of Data science in modern world” in CS Dept with association of alumni association. This webinar is targeted to 4th, 6th and 8th sem students.

Objective: This webinar was organized to impart knowledge about data science in modern days for students. Data science is an important field focused on understanding and drawing specific business, financial, manufacturing and medical research and forecasting. The data science process is about analyzing, visualizing, extracting, managing and storing data to create insights from analytics. These insights and reports help companies analyze their marketing strategies, make powerful data-driven decisions and create better advertisements. Easy access to continuously growing sets and data is possible in collaboration with financial technology companies, who use technology to innovate and enhance traditional financial products and services.

Benefits of Data Science: Data Science and Big Data are very important to help improve the company's operations in the future. Data science is very beneficial for better marketing forecasting. Data science can help reduce the constraints of time and budget allocation and help in the development of business. Data science has determined the results of many manual tasks that could be superior to human influences.

The webinar provides knowledge to the faculties on data science concepts.



Department of Computer Science and Engineering



Outcome: After completion of the webinar the students got detail picture about today's market in data science.



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ISO 9001:2015

Department of Computer Science & Engineering
in association with ATME college of engineering
Alumni association is organizing a
webinar on
**"Importance of Data Science
in the modern world"**
On 22nd June 2021 from 10am to 11am



Speaker
Shashank S
ATMECE Alumni, Application Specialist
Koch Business Solution, Bengaluru



Use the given link for webinar registration
<https://forms.gle/GRo3mse833hkiiE3A>

Follow us on



Department of Computer Science and Engineering

Webinar on “CAREER PATHWAY AND STUDY ABROAD OPPORTUNITIES”

The Department of Computer Science and Engineering of ATME College of Engineering organized a webinar on the topic “CAREER PATHWAY AND STUDY ABROAD OPPORTUNITIES”. The Objective of the webinar was to help aspiring students to acquire a challenging engineering career in life. Webinar session was conducted on **June 23,2021 from 3:30 pm to 4:30 pm.**

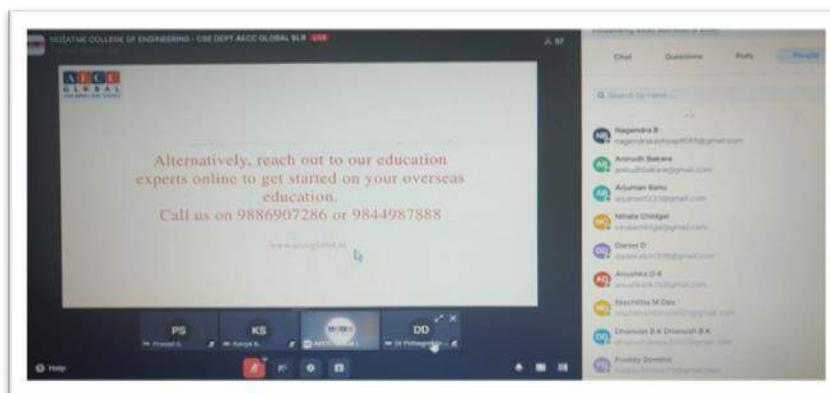
Mrs. Kavyashree E D, Assistant Professor, Dept. of Computer Science of ATME College of Engineering welcomed all the participants to the webinar session.

The Speaker of the webinar was MsNandini M, Team Leader @ AECC GLOBAL. She gave an Overview on the Importance of Education, also provided insights on career prospects. She also spoke about the studies in Abroad. She mainly discussed about some of the topics that are mentioned below,

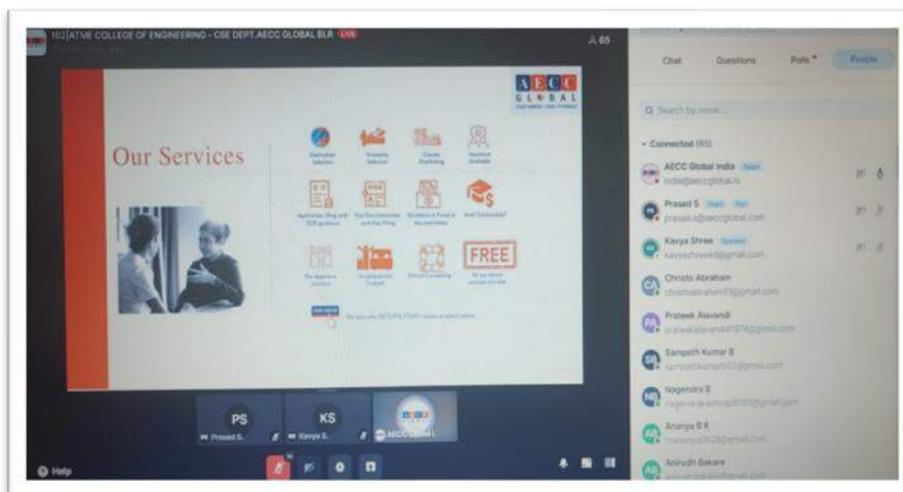
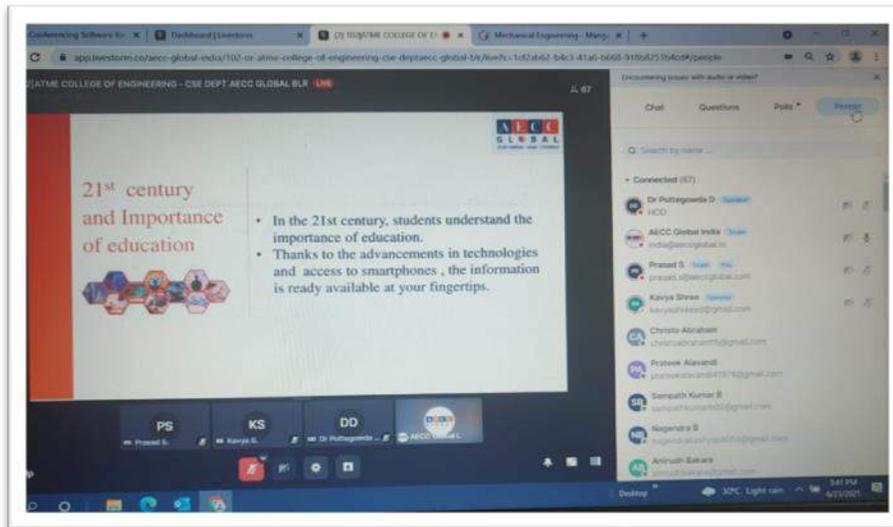
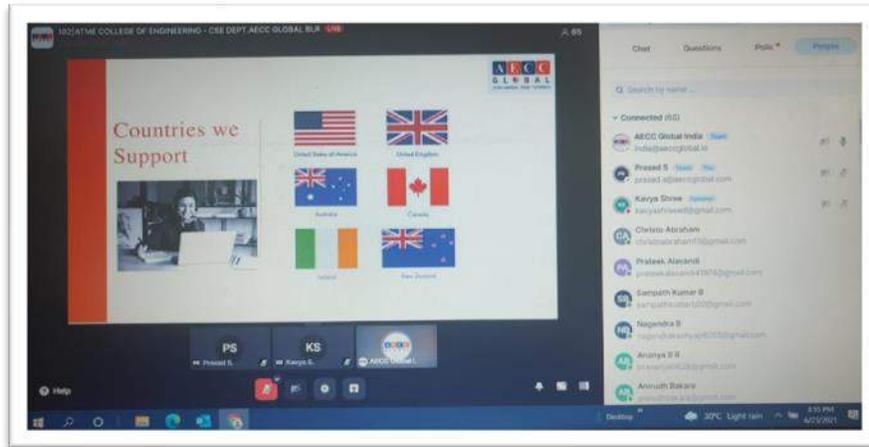
- 21st century-Importance of Education
- Mentorship
- Our belief
- Why study abroad
- Who are we
- Our study destinations
- Student spotlight
- Important Facts
- Expenses and ROI
- Conclusion

After the speaker finished, there was a Question-Answer session. A few students asked some questions and the speaker answered live itself, One question was regarding about the courses that are offered about are either thesis or research based, what is the difference and which one is better??.

After the Q&A session, The speaker MsNandiniM thanked all the participants of the webinar session and Mrs. Kavyashree E D delivered a vote of thanks.



Department of Computer Science and Engineering



Department of Computer Science and Engineering

A REPORT ON LATEX WORKSHOP

Date: 24th June 2021 to 26th June 2021

Time: 11.50 PM to 1.30 PM

Department : CSE / ECE

Mode : Online

Platform: MS Teams

Objective

To expose the student in emerging technologies in the areas of Documentary Designing System . Participants will develop a basic understanding of how to make a documentary or how to work with the designing techniques. This workshop introduces fundamental concept of making documentary more suitable and attractive and at the greatest ease.

ABOUT THE WORKSHOP

LaTeX is a document preparation system. LaTeX is a high-quality type setting system; it includes features designed for the production of technical and scientific documentation. LaTeX is available as free software . The workshop primarily meant for final year students. Any researchers need to bring out the quality of research work by publisher his or her papers in peer reviewed journals. Most of the peer reviewed journals require the paper to be submitted in Latex format. LaTeX provides a facility for portable document format (pdf) and post script (ps) type of output.

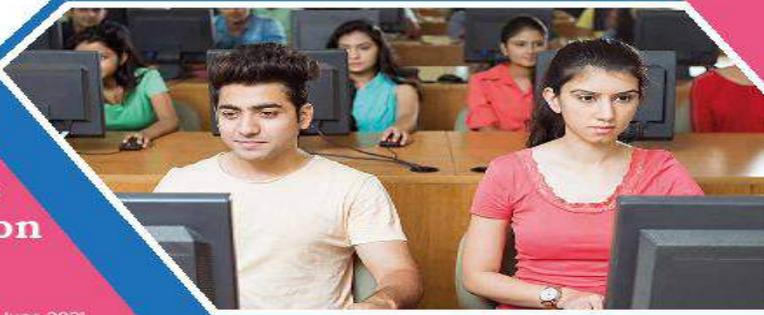
Resource Persons:

- 1.Dr. Yathisha L, Associate Professor, ECE Department, ATMECE, Mysuru.
- 2.Mr. Guruprasad K N, Assistant Professor, ECE Department, ATMECE, Mysuru.
- 3.Mr. Pradeep Kumar Y, Assistant Professor, ECE Department, ATMECE, Mysuru.

Department of Computer Science and Engineering




Department of Electronics and Communication Engineering
 in collaboration with the Department of Computer science and Engineering



Three Days Workshop on "Latex"

Date: 24th June 2021 to 26th June 2021
 Time: 12:00 pm to 1:30 pm
 Target Participants: 8th Semester Students

Dr. Yathisha L
 Associate Professor,
 ECE Department,
 ATMECE, Mysuru.

Resource Person

Mr. Guruprasad K N
 Assistant Professor,
 ECE Department,
 ATMECE, Mysuru.

Mr. Pradeep Kumar Y
 Assistant Professor,
 ECE Department,
 ATMECE, Mysuru.

Date	Timings	Resource Person	Topics
24 th June 2021	12:00PM to 12:45 PM	Mr. Guruprasad K N	Introduction, Advantages
	12:45PM to 1:30 PM	Mr. Pradeep Kumar Y	Latex Templates.
25 th June 2021	12:00PM to 1:30 PM	Dr. Yathisha L	Demonstration of Documentation
26 th June 2021	12:00PM to 1:30 PM	Dr. Yathisha L	

Objectives of the Workshop

- To understand the fundamental concepts and various features of LATEX.
- To enhance the technical skills of students to prepare the project documents and research papers.

Chief Patrons

Sri. L Arun Kumar
 Chairman, ATMECE

Sri. K Shivashankar
 Secretary, ATMECE

Sri. R Veeresh
 Treasurer, ATMECE

Dr. Basavaraj L
 Principal, ATMECE

Program Chair

Dr. Mahesh P K,
 Professor & Head,
 Department of ECE,
 ATMECE, Mysuru

Dr. Putte Gowda D,
 Professor & Head,
 Department of CSE,
 ATMECE, Mysuru

Program Committee

Mr. Pradeep Kumar Y
 Assistant Professor
 Department of ECE,
 ATMECE, Mysuru

Mr. Guruprasad K N
 Assistant Professor
 Department of ECE,
 ATMECE, Mysuru

Ms. Anupama Shetter
 Assistant Professor
 Department of ECE,
 ATMECE, Mysuru

Mr. Anil Kumar B H
 Assistant Professor
 Department of CSE
 ATMECE, Mysuru

Department of Computer Science and Engineering

**Technical competitions offering peer to peer learning and
enhancing Technical & logical thinking skills**

Department of Computer Science and Engineering

[Hackfest- 2021 National level hackathon\(online \[2nd & 3rd July 2021\]\)](#)

The Department of Computer Science & Engineering had organized 2 days National level hackathon(online) from **2nd to 3rd July 2021**. The objectives of the hackathon were:

- To provide space for students to showcase their technical skills.
- To provide a platform for creating solutions for social causes
- To inculcate teamwork spirit among students.

Around 40 teams enrolled in the national level hackathon and here are some of the colleges/universities that participated in hackfest:

1. P D A College of Engineering, Gulbarga, Karnataka
2. ATME, College of Engineering, Mysore, Karnataka
3. B.M.S. College of engineering, Bengaluru, Karnataka
4. Maharaja Institute of Technology Thandavpura, Mysore, Karnataka
5. Panimalar institute of technology, padarithangal, Tamil Nadu
6. The National Institute Of Engineering, Mysore, karnataka
7. kongu engineering college, Erode, Tamil Nadu
8. KLS Gogte Institute of Technology, Belgaum, Karnataka
9. Brainware university, Kolkata, West Bengal
10. Knowledge Institute of Technology, Sellampalayam, Tamil Nadu
11. Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra

Department of Computer Science and Engineering



ATME
College of Engineering






DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
UNDER CSI STUDENT BRANCH
PRESENTS

HACKFEST-2021

TWO DAYS NATIONAL LEVEL HACKATHON
(ONLINE) ON 2ND & 3RD JULY 2021





SCAN FOR REGISTRATION



LAST DATE FOR REGISTRATION - 28-6-21

CASH PRIZE:
FIRST: 8000/-
SECOND: 4000/-
REGISTRATION FEE: RS. 200/- PER TEAM
* TEAMS SHOULD CONSISTS OF **2** TO **3** MEMBERS

OBJECTIVES:

- > To provide space for students to showcase their technical skills.
- > To provide a platform for creating solutions for social causes.
- > To inculcate teamwork spirit among students.

CHIEF PATRONS

<p>SRI. L. ARUN KUMAR CHAIRMAN, ATMECE, MYSURU</p>	<p>SRI. K. SHIVASHANKAR SECRETARY, ATMECE, MYSURU</p>	<p>SRI. R. VEERESH TREASURER, ATMECE, MYSURU</p>
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CSI EXECUTIVES

<p>Dr. P. Kumar National Student Coordinator</p>	<p>Prof. M.S.P. Babu Region Vice President, Region V, CSI.</p>
<p>Smt. K.A. Anitha Venkatesh State Student Coordinator, Karnataka State.</p>	<p>Dr Abdul Salman Moiz Regional Student Coordinator, Region V.</p>

PATRON

Dr. L. BASAVARAJ
Principal, ATMECE, Musuru

Organising Chair
Dr. Puttegowda. D
HOD, Department of CSE, ATMECE, Mysuru.

Account Details

Bank Name:
Kaveri Grameena Bank

Account Number:
12103100003672

IFSC Code:
PKGB0012103

For any queries:
Anil Kumar G - 7204624834
Christo Abraham - 8550055312

Conveners

<p>Mr. Anil Kumar C J Associate Professor, Dept. of CSE, ATMECE, Mysuru.</p>	<p>Ms. Lavanya N Assistant Professor, Dept. of CSE, ATMECE, Mysuru.</p>
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Registration link: <https://forms.gle/w47SCDR9nmcq1TBj9>

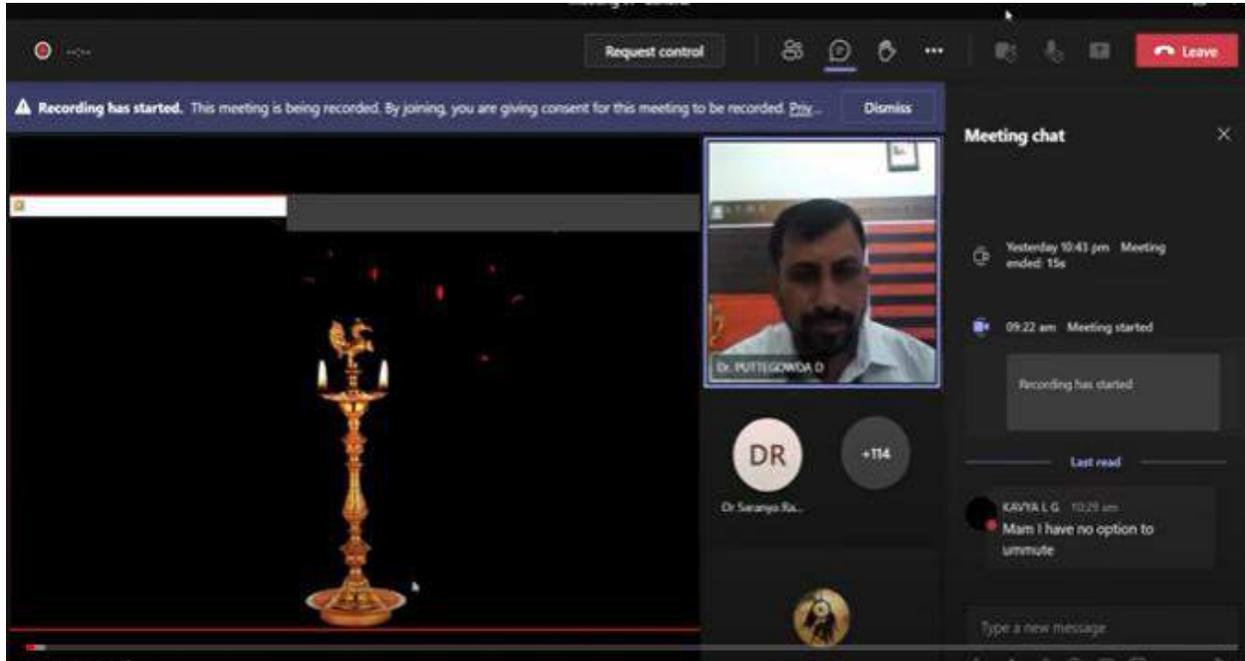
E-Certificates will be provided to all registered participants.

Note: Further details about topics will be mailed to the registered participants.

Department of Computer Science and Engineering

The events held on Day 1:02/07/2021

The inauguration was held at 10 AM , the HOD of computer science and engineering Dr.Puttegowda D welcomed the guests and participants. The invocation song by Kavya L G, 4th Semester student followed by the lighting of lamp as a symbol of brightness and prosperity.



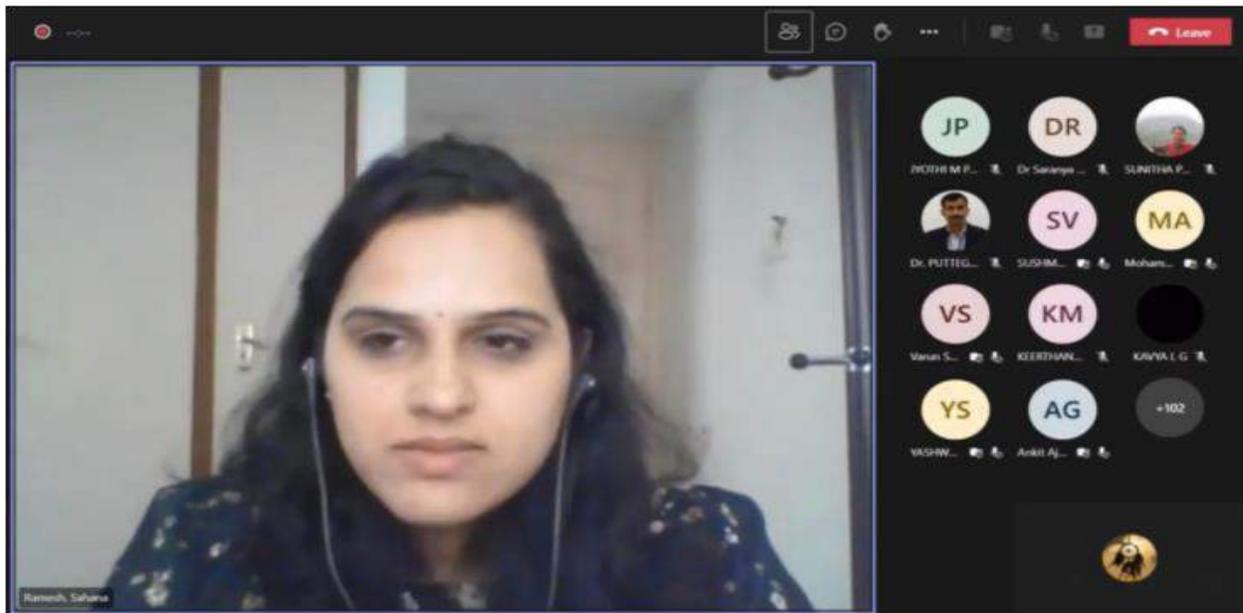
The lighting of lamp and welcome speech by Dr.Puttegowda D



Department of Computer Science and Engineering

The chief guest, Dr. Saranya addressing the audience

The Chief Guest for the event was Dr. Saranya, customer success manager GUVI Chennai and the Guest of honour: Mrs. Sahana Ramesh, business management professional Sony India. Dr. Saranya tended to crowd about the significance of hackathon and emphasized on the importance of getting placed in product-based company .



The guest of honour, Mrs. Sahana Ramesh addressing the audience

Mrs. Sahana Ramesh in her speech pushed on the savvy work than the difficult work. She emphasized on the importance on teams focus areas such as customer electricity, core technology support and digital process enablement. The hackathon guidelines was read by Mr. Anilkumar C J, Associate professor Department of CSE, **The summary of software based hackathon event** is to build mobile application or web application that has to be built from the scratch and the evaluation process were in 3 stages and they were **Evaluation 1:** Day 1(3PM to 5PM), **Evaluation 2:** Day2(10AM to 12PM) and in this evaluation, the teams with best ideas will be chosen that is 8 teams will be shortlisted. **Final round of evaluation:** Day 2(3:30 PM to 5:30 PM). From the top 8 teams, 2 teams were selected and were awarded.

Department of Computer Science and Engineering

Followed by the principal Dr.Basavaraj L giving a presidential speech



The principal is addressing the event

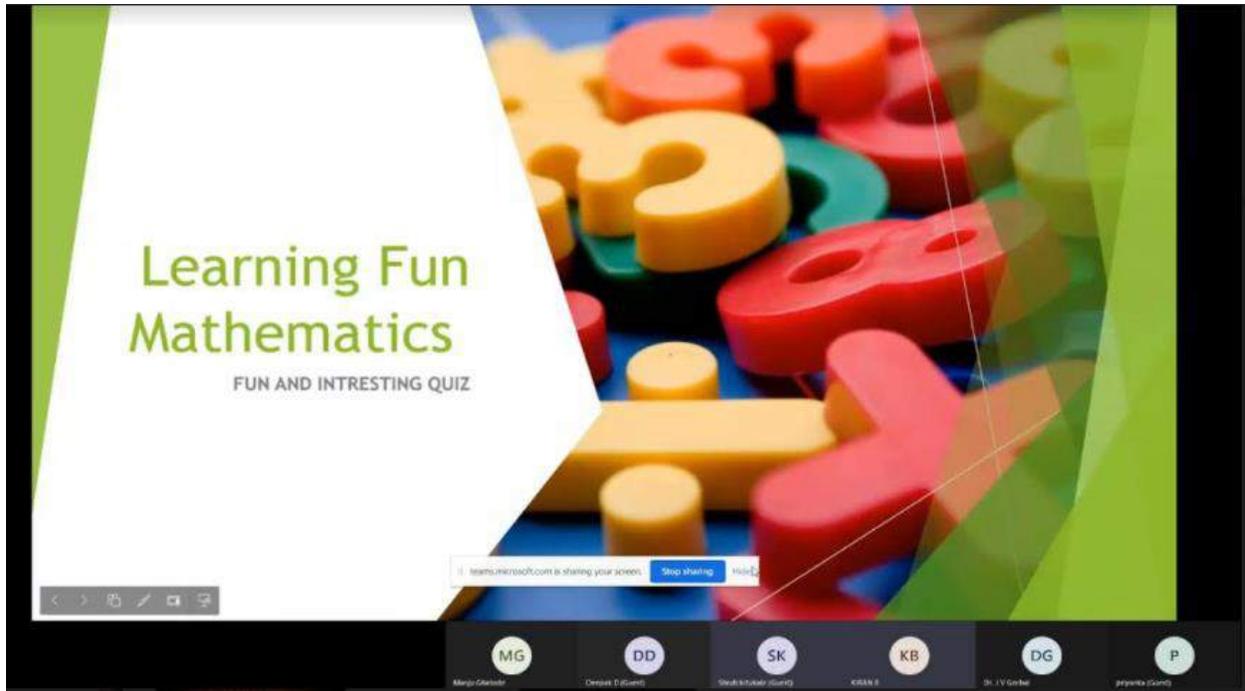
The principal Dr.Basavaraj L gave a presidential speech on updating their skills and knowledge and also congratulating all the participants in the event and the vote of thanks proposed by Mrs. Akshatha A, Assistant professor , Dept of CSE.

The students continued with their coding and some of the screenshots of the teams presenting their ideas were:



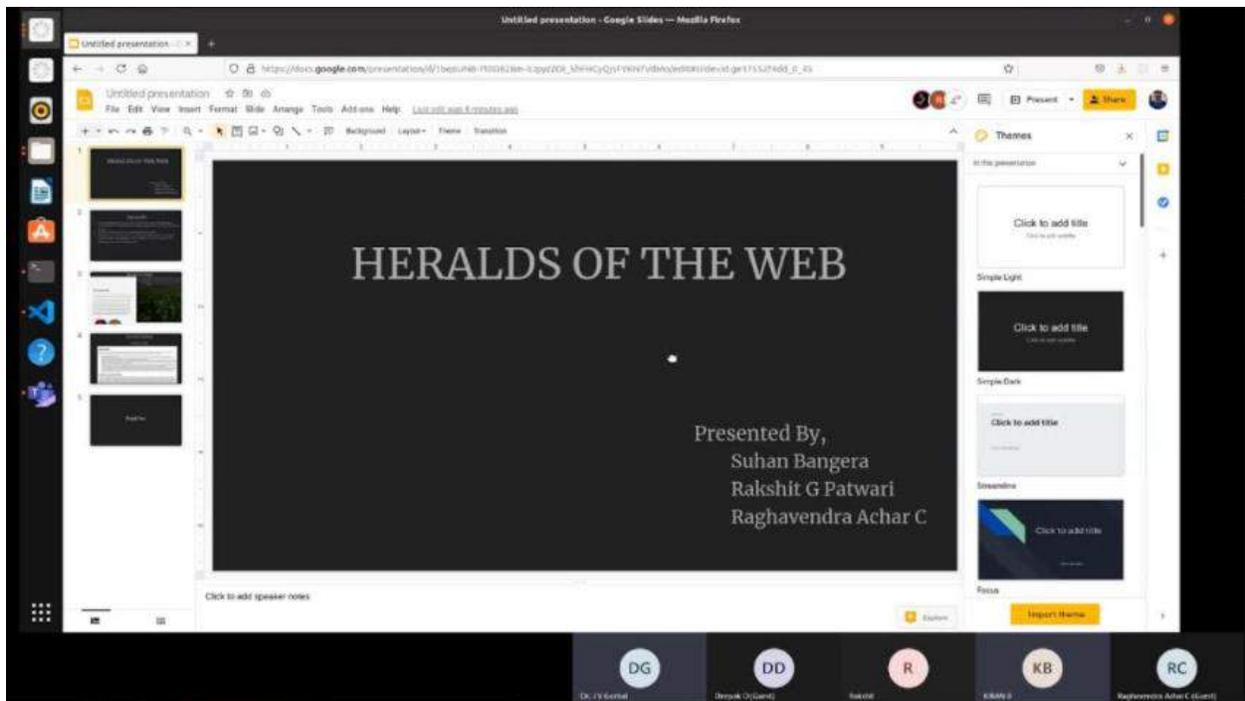
Department of Computer Science and Engineering

The team strickers presenting their ideas in ppt



The team learning fun mathematics presenting their ideas

The students presented their ideas in ppts and there by developing a mobile application. From each teams, 2-3 students participated .



The team heralds of the web presenting their ideas

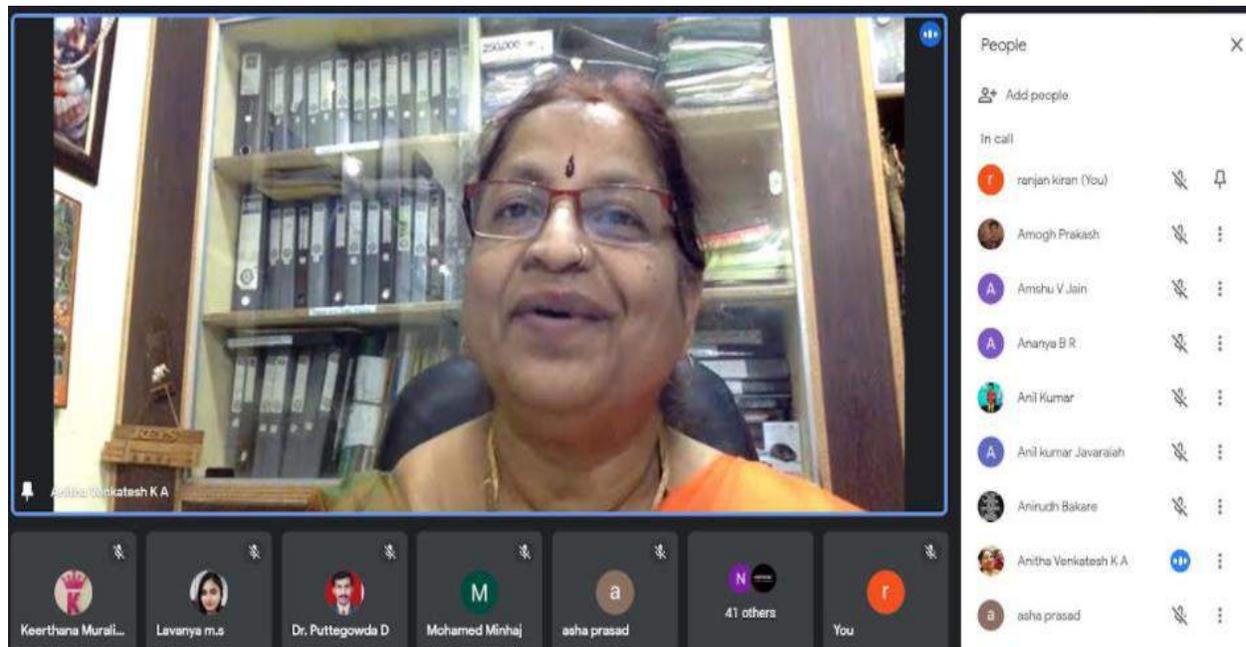
Department of Computer Science and Engineering

In continuing with the event, at 3 PM, the judges evaluated all the teams and the judges were as follows:

- 1) Santosh Kumar J and Santosh B from VHU Technologies, Bengaluru.
- 2) Deepak and Hemanth kumar from Rubix technologies, Bengaluru.

The events held on Day 2:03/07/2021

The event started in the morning at 10 AM where the second evaluation began, top 8 teams were shortlisted based on their skills and work. The event continued till evening 3:30 PM. The final around of evaluation began in the evening and 2 teams were awarded. The winners of the event received a cash prize of rupees 8,000 for first prize and rupees 4,000 for second prize.



Chief guest was Smt. K A Anitha Venkatesh addressing the audience

Department of Computer Science and Engineering



Guest of honour Prof. Mohamed minaz addressing the audience

In the valedictory function, the chief guest was Smt. K A Anitha Venkatesh, state student coordinator CSI, Karnataka and guest of honour was Prof. Mohamed minaz, chairman, CSI, Mysore chapter thanked all the winners of the event and in their speech they both stressed the participants to develop the coding skills. The chief guest and guest of honour announced the winners in the last round.

The winners were as follows:

Winner: Team- coding geeks

Participants- Their zephalial, Nithinkumar, Soumya surrender

Institution- Indian institute of information technology and management, Gwalior

Runner: Team- Buzzinga

Participants- Goutham M, Dhanjaya S

Institution- KSIT, Bengaluru

Department of Computer Science and Engineering

A REPORT ON PROJECT EXPO 2021

Date: 02-08-2021

No of teams presented : 24

Mode : Online

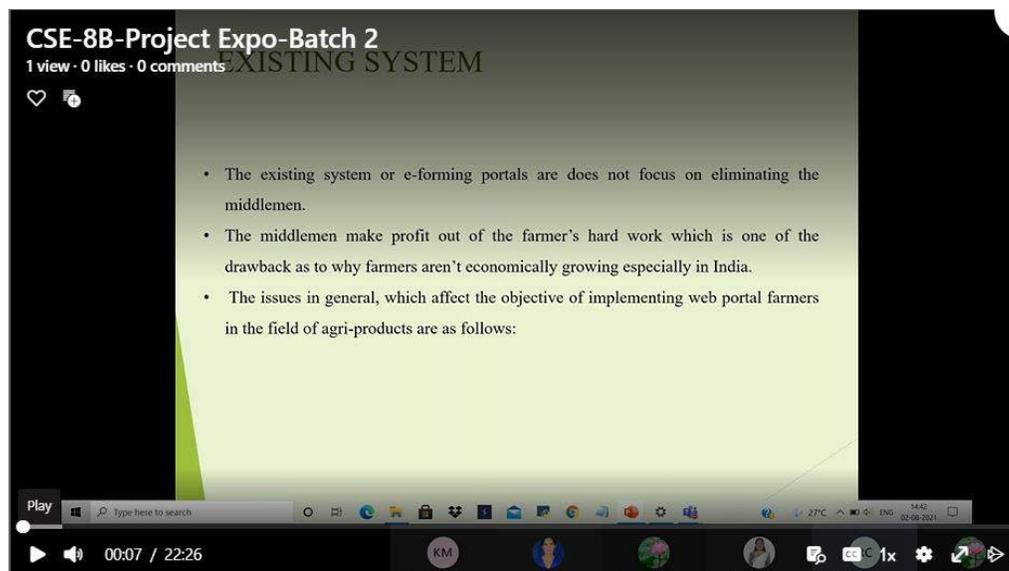
Platform: MS Teams

Objectives of the event: Show casing the student's project to the industries was the main objective and thereby enhancing the project quality as per the need of industry, with this in mind Department of Computer Science & Engineering had initiated the concept of Project Project Expo (Online Mode) for 8th semester Students.

The purpose of this event is to showcase the projects of final year BE students. To achieve the activities carried out are showcasing more than 24 Projects are prepared by students under the guidance of faculty members of the department.

Industry experts are invited from industries to judge the projects and based on their evaluation select the best project from department. The outcome of the PROJECT EXPO was that students were able to show their project at higher level and the process boosted their confidence.

The project expo witnessed the presence of Dr.Deepak, along with the faculty and staff members of Department of CSE, ATMECE.



Department of Computer Science and Engineering

A T M E
College of Engineering

10
YEARS
ANNIVERSARY

NBA

A.J.A
ISO 9001:2015

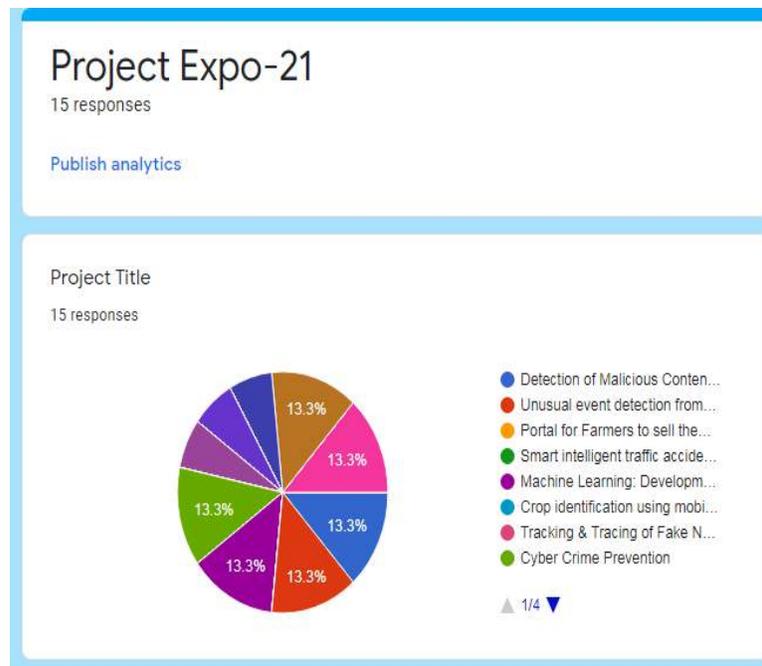
**DEPARTMENT OF COMPUTER SCIENCE
& ENGINEERING is Organizing**

PROJECT EXPO

Date
02-08-2021

Time
10am to 4pm

E-Certificate issued to all participants and two best projects will be awarded.



Department of Computer Science and Engineering

Problem-solving methods

1. Technical Seminar presentation on concurrent topics
2. Paper Presentation Activity
3. Practical lab Sessions to get Hands-on experience
4. Project Proposal Submission
5. Aptitude Verbal & Reasoning Training
6. Technical Quiz

Department of Computer Science and Engineering

Technical Seminar presentation on concurrent topics

Department of Computer Science and Engineering

To enhance problem solving ability students are encouraged to select topics and present technical seminar referring IEEE/Springer papers.

Topics list are offered to student. New topics can also be registered with seminar coordinator.

Department of Computer Science and Engineering	
Seminar Topics for the Year 2020-21	
Sl No	Seminar Topics
1	i twin Technology
2	ARTIFICIAL INTELLIGENCE
3	Blockchain Technology
4	Captcha Technology
5	Cryptocurrency
6	Silent sound technology
7	Licence plate detection and recognition in unconstrained scenarios
8	Mind reading computer
9	Mind Reading Technology"
10	Environment monitoring using IOT-cloud Burstpredection
11	Deep learning
12	Improving road safety by analysing driver behaviour
13	Efficient fire detection for uncertain surveillance environment
14	FreeNet
15	Satellite image processing
16	3D Internet
17	Smart health monitoring system based on IOT
18	ARTIFICIAL INTELLIGENCE ENABLED INTERNET OF THINGS: NETWORK ARCHITECTURE AND SPECTRUM ACCESS
19	Quantum Internet
20	Digital image forgery detection
21	Wireless Internet Security
22	INTELLIGENT SPEED ADAPTATION
23	6G mobile technology
24	Touchless touchscreen technology
25	Enabling IOT Ecosystem through platform interoperability
26	Facial Recognition System

Department of Computer Science and Engineering

27	Evaluating contemporary digital awareness programs for future application within the cyber security social engineering domain
28	Augmented reality
29	Graphical Password
30	Recognition and Anticipation of Cancer and Non- Cancer Prophecy using Data Mining Approach
31	Virtual network computing
32	A Study of Cyberbullying Detection Using Machine Learning Techniques
33	Software Reuse
34	Nano robotics
35	Edge Computing in IOT
36	A reliable next generation cyber security architecture for industrial internet of things environment
37	Li-Fi technology
38	IOT Based Traffic Management Systems
39	Basic security challenges in cloud computing
40	Soil sampling mobile platform for Agriculture 4.0
41	Credit Card Fraud Detection using Machine Learning
42	Animal tracking and Gps
43	Docker and containers
44	Blue Brain
45	Smart Note Taker
46	Smart dustbin in smart cities
47	Smart card
48	Biometric security system
49	Understanding of a Convolutional Neural Network
50	Blood cancer detection using Image Processing
51	Security and privacy in social networks
52	Smart ATM pin recovery and secured ATM transactions based on fingerprint identification.
53	Crime analysis and prediction using optimized K-means Algorithm
54	Light fidelity technology
55	Blue Gene/L SuperComputers
56	Firewall
57	5G wireless technology
58	How much to trust Artificial intelligence
59	AWS Well-Architected
60	Big Data and Machine Learning with Hyperspectral information in Agriculture
61	Iot based intelligent system for real time parking monitoring and automatic billing

Department of Computer Science and Engineering

62	Fake news detection
63	Security Testing Methodology
64	Fake news detection using nlp
65	Silent-sound-technology
66	Genetic Algorithm based Data-aware Group Scheduling for Big Data Clouds
67	BLUE EYES TECHNOLOGY
68	Network bandwidth recycling
69	Cryptocurrency on blockchain
70	Cellular 5 g
71	Smart Quill
72	Big Data and Machine Learning With Hyperspectral Information in Agriculture
73	Pill camera
74	Speech recognition
75	Smart Quill
76	FREE SPACE OPTICAL COMMUNICATION
77	GiFi technology
78	NEAR-FIELD COMMUNICATION
79	Deep learning
80	Google glass
81	Virtual Reality
82	LIFI
83	Endoscopy camera
84	Designing for AR and VR (Agumented Reality and Virtual Reality)
85	Speech recognition

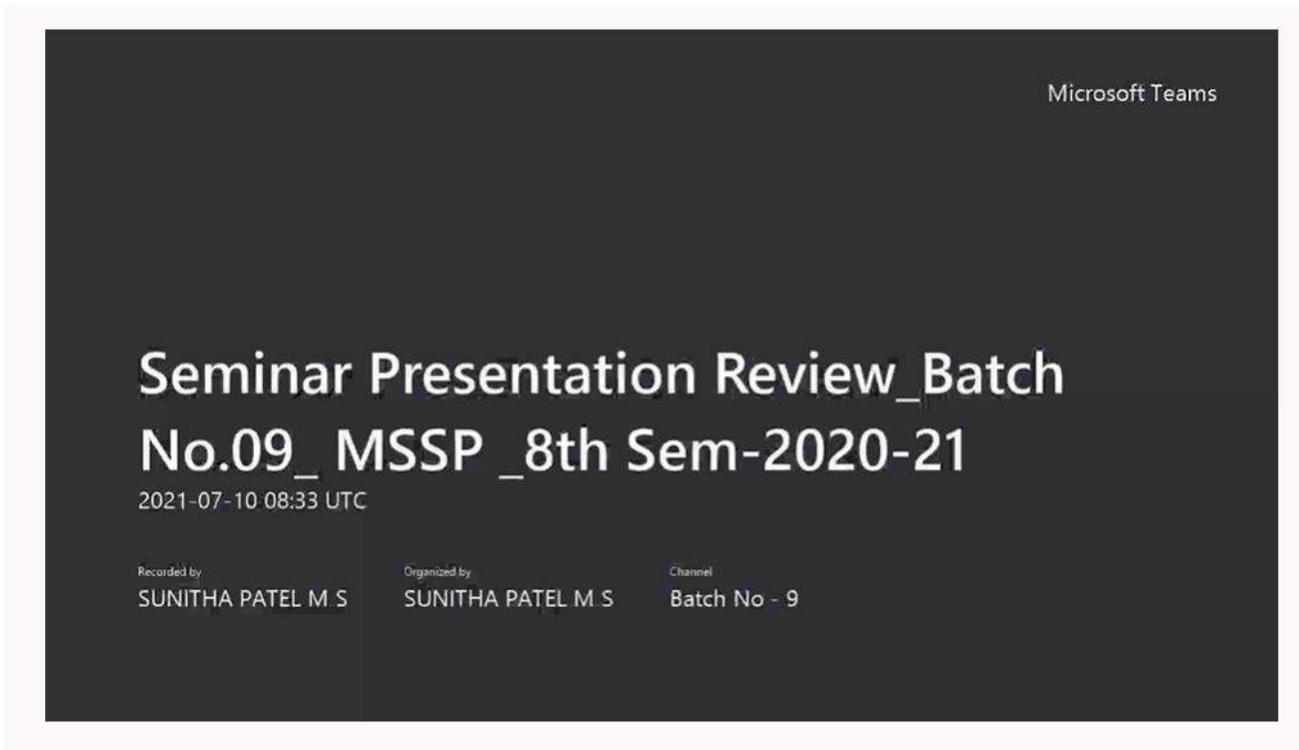
Pravda
HOD

HOD
 Dept. of Computer Science & Engg
 ATME College of Engineering
 Mysuru-570024

Department of Computer Science and Engineering

Evaluation in MS Teams

AY: 2020-2021



Department of Computer Science and Engineering

The screenshot shows a WPS Office presentation window with a slide titled "DATA MINING APPROACH". The slide content includes the word "Architecture:" followed by a flowchart. The flowchart starts with "Training data" which branches into "K-Base" and "Risk scores, weighting". "K-Base" leads to "Test data", which then branches into "Cancer" and "Non-Cancer". "Risk scores, weighting" leads to "Build Model", which then leads to "Classification using decision tree", "Build Model", "K-Means using Clustering algorithm", "Prediction", and "Suspension".

The interface also shows a "Slide Transition" panel on the right with various transition effects like None, Morph, Fade, Reveal, Wipe, Shape, Dissolve, Push, Wheel, Blinds, Comb, Uncover, Split, Random Bars, and Checkerboard. A "Modify transition" panel is also visible with options for Effect Options, Speed, and Sound.

At the bottom of the window, there is a media control bar showing a play button, a volume icon, and a timer at 08:20 / 56:37. Below the media bar, there are several circular icons labeled VR, K, and VP, along with names: VARSHITHA D, KEERTHANMAMA CL, and SINTHA PATIL M S.

Powda
HOD
HOD
Dept. of Computer Science & Engg
ATME College of Engineering
Vizuru-570024

Department of Computer Science and Engineering

Microsoft Teams

CSE-8A-13/07/2021-Seminar Review- SNEHA N P

2021-07-13 10:06 UTC

Recorded by SNEHA N P	Organized by SNEHA N P	Channel Batch No - 22
--------------------------	---------------------------	--------------------------

0:00:01 / 1:06:26

🔊 ⏮ ⏭ ⏪ ⏩ ⏸ ⏹ ⏻ ⏼

AUGMENTED REALITY AND ITS EFFECT ON OUR LIFE.

PRESENTED BY :
HEMANTH B
(4AD17CS031)

UNDER THE GUIDANCE OF :
Mrs. SNEHA N P
ASSOCIATE PROFESSOR
DEPT OF CSE
ATMECE

0:00:53

0:00:53 / 1:06:26

ME 🌐 📄 MH 📷 ⚙️ ⏮ ⏭ ⏪ ⏩ ⏸ ⏹ ⏻ ⏼

Department of Computer Science and Engineering

APPLICATION OF AUGMENTED REALITY

- Classroom Education- While technology like tablets have become widespread in many schools and classrooms, teachers and educators are now ramping up student's learning experience with AR.
- Repair & Maintenance - One of the biggest industrial use cases of AR is for repair and maintenance of complex equipment. Whether it's a car motor or an MRI machine, repair and maintenance is beginning to use AR.



0:11:02

0:11:02 / 1:06:26

ME MH

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ATME College of Engineering
Mysuru-570024

Department of Computer Science and Engineering

Paper Presentation Activity

Department of Computer Science and Engineering

ICRTST-2021 Conference: 8th and 9th July 2021



International Conference on Recent Trends in Science & Technology ICRTST-2021

Technical Committee Report

Department: Computer Science & Engineering

Day 1: Session 2

Time: 3:30 to 5:00 pm

Sl.N o.	SCHEDULE	Paper ID	Title of the Paper	Affiliation	Presenter Name	Meeting link (Public)
1	3:30 to 3:45pm	107	SURVEY ON TRAFFIC ACCIDENT MONITORING SYSTEM	ATMECE	Raghuram A S	https://web.micro softstream.com/v ideo/398b6cf5- 56d0-4b2f-b67f- 44daaa6b1c0f
2	3:45 to 4:00pm	112	BETTER AND FASTER EMERGENCY CARE DURING ACCIDENTS AND VEHICLE IMPACT	ATME College Of Engineering	Faiza Firdaus	
3	4:00 to 4:15pm	98	Delay Analysis and Efficient Scheduling Policies for Multi-Hop Wireless Networks	ATME College of Engineering, Mysuru	Sushma V	
4	4:15 to 4:30pm	183	An Epigrammatic Study on Android Architecture, Framework and Its Challenges	ATME College of Engineering, Mysuru	Kavashree E D	
5	4:30 to 4:45pm	81	Template Matching for Marathi Handwritten Compound Character	Sant Gadge Baba Amravati University	Vrushali T. Laniewar	
6	4:45 to 5:00pm	117	COVID 19 MEASURES: FACE MASK DETECTION USING CONVOLUTION NEURAL NETWORK	Student	Canny Cushalappa N J	

Department of Computer Science and Engineering

International Conference on Recent Trends in Science & Technology ICRTST-2021

Technical Committee Report

Department: Computer Science & Engineering

Day 1: Session 2 Time : 3:30 to 5:00 pm

Sl. No.	SCHEDULE	Paper ID	Title of the Paper	Affiliation	Presenter Name	Meeting link (Public)
1	11:15 to 11:30am	46	Prediction of Alzheimer's Disease using Machine Learning (Alzheimer's Disease Neuroimaging Initiative*)	Department of Computer application, Science, St Aloysius College Mangaluru, Karnataka India	Archana Yashodar	https://web.microsoftstream.com/video/3da74219-268d-45c0-
2	11:30 to 11:45am	72	Predictive Analysis of Parkinson Disease using Machine Learning	Vidyavardhaka College of Engineering	Samaha CM	
3	11:45 to 12:00pm	49	Analysis of Preventive Measures against DDoS Attacks in Smart Grid	Vidyavardhaka College of Engineering	Trupti R	
4	12:00 to 12:15pm	37	PROFOUND LEARNING CALCULATION FOR EFFICIENT ARRANGEMENT OF BRAIN TUMOUR IMAGES	Srinivas Institute of Technology, Mangaluru	Shreeja M	
5	12:00 to 12:30pm	143	STUDY ON CHATBOT FOR HEALTHCARE SYSTEM USING ARTIFICIAL INTELLIGENCE	ATME College of Engineering	Bhavana R	
6	12:30 to 12:45pm	139	EARLY DETECTION OF DIABETES USING MACHINE LEARNING	ATME College of Engineering	Samura	

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Dept. of Computer Science & Engg
ATME College of Engineering
Mangaluru-576022

Department of Computer Science and Engineering

Practical lab Sessions to get Hands-on experience

Department of Computer Science and Engineering

To enhance the problem solving skills, Laboratory session correlating theoretical courses are offered. Every experiment Objective & outcome of the experiment has to be written by the student.

Example:

Database Management System Laboratory

Sample Experiment

Every experiment Code tracing of programs is conducted

LAB EXPERIMENTS PART A: SQL PROGRAMMING

A. Consider the following schema for a Library Database:

BOOK (Book_id, Title, Publisher_Name, Pub_Year)

BOOK_AUTHORS (Book_id, Author_Name)

PUBLISHER (Name, Address, Phone)

BOOK_COPIES(Book_id, Programme_id, No-of_Copies)

BOOK_LENDING(Book_id, Programme_id, Card_No, Date_Out, Due_Date)

LIBRARY_PROGRAMME(Programme_id, Programme_Name,Address)

Write SQL queries to

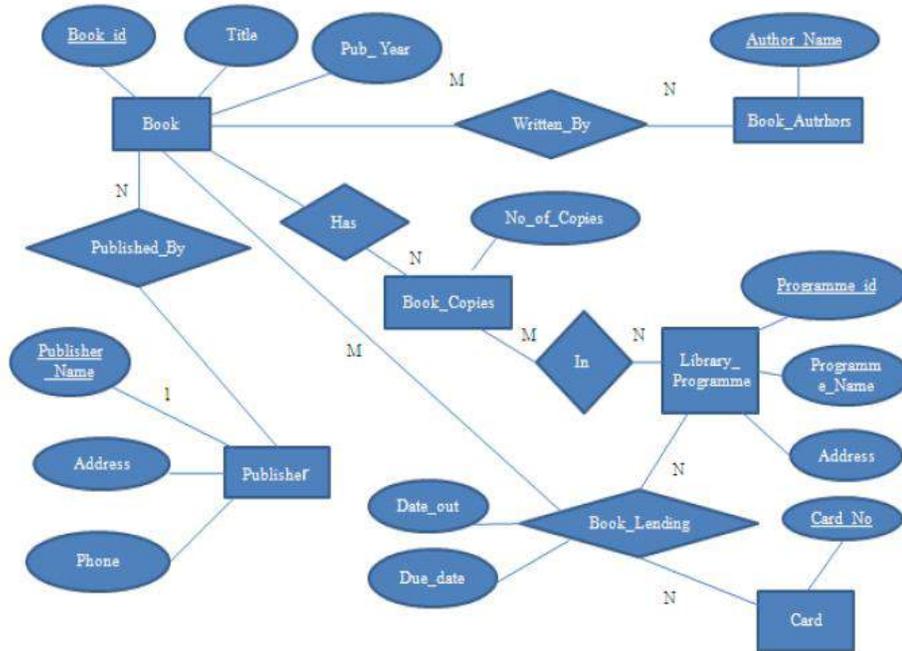
1. Retrieve details of all books in the library – id, title, name of publisher, authors, number of copies in each Programme, etc.
2. Get the particulars of borrowers who have borrowed more than 3 books, but from Jan 2017 to Jun 2017
3. Delete a book in **BOOK** table. Update the contents of other tables to reflect this data manipulation operation.
4. Partition the **BOOK** table based on year of publication. Demonstrate its working with a simple query.
5. Create a view of all books and its number of copies that are currently available in the Library.

Program Objectives:

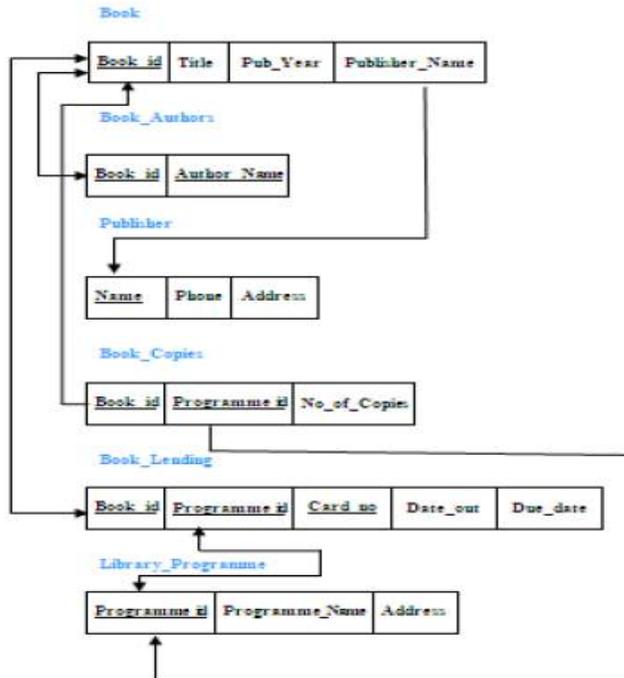
- This course will enable students to
- Foundation knowledge in database concepts, technology and practice to groom students into well-informed database application developers.
- Strong practice in SQL programming through a variety of database problems.
- Develop database applications using front-end tools and back-end DBMS.

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Solution:
Entity-Relationship Diagram



Schema Diagram



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Table Descriptions

DESC BOOK

```
mysql> DESC BOOK;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| BOOK_ID        | int(10)       | NO   | PRI | NULL    |       |
| TITLE          | varchar(20)   | YES  |     | NULL    |       |
| PUB_YEAR       | varchar(20)   | YES  |     | NULL    |       |
| PUBLISHER_NAME | varchar(20)   | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

DESC BOOK_AUTHORS;

```
mysql> DESC BOOK_AUTHORS;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| AUTHOR_NAME    | varchar(20)   | NO   | PRI |         |       |
| BOOK_ID        | int(10)       | NO   | PRI |         |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

DESC PUBLISHER;

```
mysql> DESC PUBLISHER;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| NAME           | varchar(20)   | NO   | PRI | NULL    |       |
| PHONE          | bigint(20)    | YES  |     | NULL    |       |
| ADDRESS        | varchar(100)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

DESC BOOK_COPIES

```
mysql> DESC BOOK_COPIES;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| NO_OF_COPIES  | int(5)        | YES  |     | NULL    |       |
| BOOK_ID        | int(10)       | NO   | PRI | NULL    |       |
| PROGRAMME_ID  | int(10)       | NO   | PRI | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

Department of Computer Science and Engineering

SELECT * FROM BOOK;

BOOK_ID	TITLE	PUB_YEAR	PUBLISHER_NAME
1	DBMS	Jan-2017	MCGRAW-HILL
2	ADBMS	Jun-2017	MCGRAW-HILL
3	CD	Sep-2016	PEARSON
4	ALGORITHMS	Sep-2015	MIT
5	OS	May-2016	PEARSON

SELECT * FROM BOOK_AUTHORS;

AUTHOR_NAME	BOOK_ID
NAVATHE	1
NAVATHE	2
ULLMAN	3
CHARLES	4
GALVIN	5

SELECT * FROM PUBLISHER;

NAME	PHONE	ADDRESS
MCGRAW-HILL	9989076587	BANGALORE
MIT	7756120238	BANGALORE
PEARSON	9889076565	NEWDELHI
PRENTICE HALL	7455679345	HYEDRABAD
WILEY	8970862340	CHENNAI

SELECT * FROM BOOK_COPIES;

NO_OF_COPIES	BOOK_ID	PROGRAMME_ID
10	1	10
5	1	11
2	2	12
5	2	13
7	3	14
1	5	10
3	4	11

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Queries:

1. Retrieve details of all books in the library – id, title, name of publisher, authors, number of copies in each branch, etc.

```
SELECT B.BOOK_ID, B.TITLE, B.PUBLISHER_NAME, A.AUTHOR_NAME,
C.NO_OF_COPIES, L.PROGRAMME_ID FROM BOOK B, BOOK_AUTHORS A, BOOK_COPIES
C, LIBRARY_PROGRAMME L WHERE B.BOOK_ID=A.BOOK_ID AND
B.BOOK_ID=C.BOOK_ID AND L.PROGRAMME_ID=C.PROGRAMME_ID;
```

BOOK_ID	TITLE	PUBLISHER_NAME	AUTHOR_NAME	NO_OF_COPIES	PROGRAMME_ID
1	DBMS	MCGRAW-HILL	NAVATHE	10	10
1	DBMS	MCGRAW-HILL	NAVATHE	5	11
2	ADBMS	MCGRAW-HILL	NAVATHE	2	12
2	ADBMS	MCGRAW-HILL	NAVATHE	5	13
3	CD	PEARSON	ULLMAN	7	14
4	ALGORITHMS	MIT	CHARLES	1	11
5	OS	PEARSON	GALVIN	3	10

2. Get the particulars of borrowers who have borrowed more than 3 books, but from Jan 2017 to Jun 2017.

```
SELECT CARD_NO FROM BOOK_LENDING WHERE DATE_OUT
BETWEEN '2017-01-01'AND '2017-07-01' GROUP BY CARD_NO
HAVING COUNT(*)>3;
```

```

+-----+
| CARD_NO |
+-----+
|      101 |
+-----+
1 row in set (0.03 sec)
mysql> _
```

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 ATME College of Engineering
 Mysuru-570024

Department of Computer Science and Engineering

Project Proposal Submission

Department of Computer Science and Engineering

Project Proposal submission by students for KSCST funding.

Karnataka State Council for Science and Technology
 Indian Institute of Science campus, Bengaluru

44th Student Project Programme
 Online Evaluation

Date: 7th August 2021

Time:02.00 pm

COMPUTER SCIENCE AND ENGINEERING - 63 (SI. No: 1 to 25)

Sl. No:	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	GUIDE	STUDENTS
1	44S_BE_1382	FACE MASK DETECTION SYSTEM FOR THE ERA OF COVID-19 USING MACHINE LEARNING TECHNIQUES	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	Prof. POONAM KUMARI	Ms. BHAVANA G Ms. CHAITANYASHREE Ms. KEERTHI L N
2	44S_BE_2470	SMART DEVICE FOR PHYSICALLY DISABLED USING ALEXA	A.M.C. ENGINEERING COLLEGE, BENGALURU	Dr. LATHA C A Mrs. SHALINI S	Ms. CHARLOTTE PHILLIPS Ms. NANDINI S Ms. SAHANA T S Ms. ROOPA M
3	44S_BE_4366	AUTOMATIC PERSONALITY RECOGNITION IN ASYNCHRONOUS VIDEO INTERVIEWS USING TENSORFLOW	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mrs. BHAGYASHREE R	Ms. UPASANA M Ms. VARSHINI M Ms. PRIYANKA D S Ms. SHWETHA K
4	44S_BE_4369	DETECTION OF COVID-19 USING MULTIMODAL IMAGING DATA	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. MUNIRAJU. M	Ms. ANUSHA B TIMMAPUR Ms. KRISHNAVENI K Ms. NIHARIKA S Ms. NISHITHA REDDY L B
5	44S_BE_2178	COVID 19 MEASURES: FACE MASK DETECTION ALONG WITH BODY TEMPERATURE DETECTION USING ML AND IOT	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mrs. RASHMI K	Mr. ANIL KUMAR GADEDA GOUDAR G Ms. APOORVA R Ms. CANNY CUSHALAPPA N J Ms. DARSHINI R
6	44S_BE_3598	AN ANDROID APP FOR FARMERS TO SELL THEIR PRODUCT AT BETTER RATE	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mrs. SNEHA N P	Ms. RAKSHITHA C M Mr. RAKSHITH KUMAR H N Ms. RAKSHITHA Y S Ms. RENUKA S
7	44S_BE_2662	WEARABLE SENSING AND TELEHEALTH TECHNOLOGY WITH POTENTIAL APPLICATION IN THE CORONA VIRUS PANDEMIC	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Mr. S J PRASHANTHA	Mr. RAHUL PRABHU K Mr. RAKSHITH H D Mr. TEJAS M DEEVANG Mr. THEJUS C J
8	44S_BE_2666	EMERGENCY PATIENT ACTIVITY RECOGNITION MODEL USING MACHINE LEARNING TECHNIQUE	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Mr. GOPALKRISHNA C	Ms. MANASA I M Ms. KAVANA S Ms. MEGHA M H Ms. SHARFIYA BANU

Department of Computer Science and Engineering

Student Project proposal approval and sanction letter



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)
 Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

7th April 2021

Ref: 7.1.01/SPP/10

The Principal,
 A.T.M.E. College of Engineering,
 13th KM stone, Bannur Road,
 Mysuru - 570 028

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_3598

Ref : Your Project Proposal entitled " **AN ANDROID APP FOR FARMERS TO SELL THEIR PRODUCT AT BETTER RATE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Students	Ms. Rakshitha C M Mr. Rakshith Kumar H N Ms. Rakshitha Y S Ms. Renuka S	Budget	
		Particulars	Amount (Rs)
Guide/s	Mrs. Sneha N P	Travel	500.00
		Miscellaneous	500.00
Department	Computer Science And Engineering	Report	500.00
		Total	3,500.00
THREE THOUSAND FIVE HUNDRED RUPEES ONLY			

The following are the guidelines to carryout the project work :

- a) The project should be performed based on the objectives of the proposal sent by you.
- b) The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- c) Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- d) Please quote your **project reference number printed above** in all your future correspondences.
- e) Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - 1) Title of the project
 - 2) Name of the College & Department
 - 3) Name of the students & Guide(s)
 - 4) Keywords

Department of Computer Science and Engineering

5) Introduction / background 44S_BE_3598

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

SHOW APP WITH COLLECTED AGRICULTURAL DATA

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Mr. Niranjana Kumar V S
SPP Coordinator
A.T.M.E. College Of Engineering,
13Th Km Stone,Bannur Road,
Mysuru – 570 028

- 2) Mrs. Sneha N P
Department of Computer Science And Engineering
A.T.M.E. College Of Engineering,
13Th Km Stone,Bannur Road,
Mysuru – 570 028

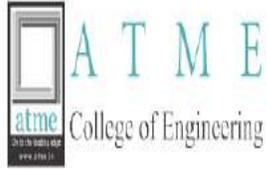
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above

Department of Computer Science and Engineering

Aptitude Verbal & Reasoning Training

Department of Computer Science and Engineering



DEPARTMENT OF TRAINING AND PLACEMENT

The training is imparted for the students of ATMECE, Mysuru with the following Objectives. Aptitude is essential to assess analytical and problem solving skills in a student. Verbal and logical reasoning helps to assess ability to reason using concepts wrapped in words. It verifies level of understanding and comprehension, as well as dexterity when it comes to filtering out key information from a bulk of text.

Objectives:

1. To enhance the analytical skills in students and pace of problem solving.
2. To train and impart knowledge as per industry requirements
3. To improve assertive, logical thinking skills in students

Course Description

SL.No.	Course	Course Code	Semester	Teaching Hours/Semester	Assessment Hours/Semester	Total Hours/Semester
1	Aptitude Verbal & Logical Reasoning-I	ATME_AVR_01	III	12	4	16
2	Aptitude Verbal & Logical Reasoning-II	ATME_AVR_02	IV	12	4	16
3	Aptitude Verbal & Logical Reasoning-III	ATME_AVR_03	V	12	4	16
4	Aptitude Verbal & Logical Reasoning-IV	ATME_AVR_04	VI	12	4	16

Department of Computer Science and Engineering

Semester	Topics
III	Operation on Numbers ,HCF & LCM, Problems on Numbers, Number Series, Sequence & Pattern Completion, Coding and Decoding
IV	Simple Interest and Compound Interest ,Percentages,Profit & Loss, Ratio and Proportion,Syllogism,Seating Arrangements,Reading Comprehension, Idioms and Phrases
V	Calenders,Time and Distance,Data Interpretation,Permutation & Combination,ProbabilityClocks,Blood relations,Single Blanks
VI	Problems on Trains,Boats and Streams,Data sufficiency,Chain rule,Problems on Ages, Double blanks,Synonyms & Antonyms,Active and Passive Voice

Academic Year: 2019-20					
Course Code	Course Title	Prerequisite	Contact Hours/Week		Number of Hours/Semester
			L	A	
ATME_AVR_01	Aptitude, Verbal and Logical Reasoning-I	<ul style="list-style-type: none"> Basic Mathematics English Fundamentals 	3	1	L-Lecture A-Assessment 4 x 4 =16 Hours/Semester
Objectives	<ol style="list-style-type: none"> To understand numbers systems and numbers series To Explain different methods of HCF and LCM To understand Pattern from figures, sequence coding and decoding To explain General English and its parts of speech 				
Course Outcomes	At the end of the course the student will be able to: <ol style="list-style-type: none"> Analyse and solve numbers systems , numbers series and sequence Analyse and enhance pace of problem solving. Explain the general English vocabulary 				

Department of Computer Science and Engineering

Academic Year: 2019-2020					
Course Code	Course Title	Prerequisite	Contact Hours/Week		Number of Hours/Semester
			L	A	
ATME_AVR_03	Aptitude, Verbal and Logical Reasoning-III	1.Basic Mathematics 2.English Fundamentals 3.Aptitude, Verbal and Logical Reasoning-I, II	3	1	L-Lecture A-Assessment 4 x 4 =16 Hours/Semester
Objectives	<ol style="list-style-type: none"> 1. To understand the concept of ordinary versus leap year. 2. To understand Speed, time and distance calculations. 3. To understand the concept of probability and clocks 4. To interpret blood relation, choosing appropriate words in blank sentences. 				
Course Outcomes	At the end of the course the student will be able to: <ol style="list-style-type: none"> 1. Analyse and solve different data analysis problems for time and distance. 2. Interpret data analysis for a case study and illustrate suitable probability and outcome for a given scenario/problem. 3. Analyse and interpret blood relation examples. 				



Mr. Shreesheyana R
 AVR Training Coordinator,
 Dept. of EEE, ATMECE, Mysuru

Department of Computer Science and Engineering

ICT Practice utilized in Training

A. YOUTUBE RESOURCE

Faculty members have prepared videos for the benefit of students on the Aptitude Verbal and Reasoning topics which is available in ATMECE AVR YouTube channel.

Semester	Faculty Member	Designation	AVR Topics	Platform	Link
III	Mr.Rajesh K S	Assistant Professor	Operation on Numbers	Youtube	https://www.youtube.com/watch?v=BgelwvsujJM
	Ms.Swapna H	Assistant Professor	HCF and LCM	Youtube	https://www.youtube.com/watch?v=Zn-0pCgvO4M
			Problems on Numbers		
	Dr.Mahesh Lohith K S	Associate Professor & HoD	Number Series	Youtube	https://www.youtube.com/watch?v=HXDtYBWfu4&t=4s
	Mrs.Shruthi H G	Assistant Professor	Sequence and Pattern Completion	Youtube	https://www.youtube.com/watch?v=cWq3WP1Ked0
	Mrs.Shalini V S	Assistant Professor	Coding and Decoding	Youtube	https://www.youtube.com/watch?v=sNCY0ML4MRc&t=278s
Mrs.Bharathi R	Lecturer	General English	Youtube	https://www.youtube.com/watch?v=GyX6tJ9ItVU	

IV	Dr.Mahesh Lohith K S	Associate Professor & HoD	Syllogisms	Youtube	https://www.youtube.com/watch?v=ILIVJ1YpQ88&t=6s
	Mr.Deepak M V S	Assistant Professor & TPO	Reasoning- Seating arrangements	Youtube	https://www.youtube.com/watch?v=2dBCv-ip8GQ&t=82s
V	Mr.Shreeshayana R	Assistant Professor	Time and Distance	Youtube	https://www.youtube.com/watch?v=r65HNGV4S5M

Department of Computer Science and Engineering

	Mr.Kiran Kumar	Assistant Professor	Data Interpretation	Youtube	https://www.youtube.com/watch?v=A16ZEF3f2Nw
	Mr.Shashank	Assistant Professor	Heights and Distance	Youtube	https://www.youtube.com/watch?v=l8OSwoeMJU4&feature=youtu.be
VI	Mr.Srivatsa H U	Assistant Professor	Problems on Trains	Youtube	https://www.youtube.com/watch?v=B4wQ-ekwa9Q&t=54s
	Ms.Keerthana M M	Assistant Professor	Chain Rule	Youtube	https://www.youtube.com/watch?v=5wiI_q1uBNA&t=62s
	Mr.Shrininvasa G	Assistant Professor	Problems on Ages	Youtube	https://www.youtube.com/watch?v=e806f8iGfkY&t=86s
	Ms.Kavyashree E D	Assistant Professor	Synonyms and Antonyms	Youtube	https://www.youtube.com/watch?v=JyYriCVDJ-Q&t=35s
	Mrs.Sushma V	Assistant Professor	Active and Passive voice	Youtube	https://www.youtube.com/watch?v=weXY57XflmQ&t=233s

Outcome:

Aptitude Verbal & Reasoning Training: AVR Test Report

Department of Computer Science and Engineering

Outcome:
Aptitude Verbal & Reasoning Training: AVR Test Report

Department of Electrical and Electronics Engineering		Total Participants																							
Class/Level	2B	Total Participants	28																						
Examination	AVR	Average Score	76.29%																						
Course	AVR - II																								
Subject	Reasoning - Module 1																								
Sl.No	STUDENT NAME	Roll No	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Total Marks	Score	
Answer Key																							40.00	100.00%	
4ADISE006	CHANDAN M N	228742	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	50.00%	
4ADISE009	DEEKSHITHA V	228959	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	22.00	85.71%	
4ADISE020	YASHEEN LILLA KHAN	223222	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	22.00	100.00%	
4ADISE028	VINOD H V	224668	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	14.00	63.64%	
4ADISE030	SAJANA S	228929	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
4ADISE027	HYEDA FAIZA	224862	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
4ADISE032	KA VERU K	228439	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	16.00	72.73%	
4ADISE034	LANKESH H D	224814	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
4ADISE004	ANURHA N K	222122	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
4ADISE020	MAYANA K S	224611	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	90.91%	
4ADISE016	MANJUNATHA KB	229771	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	65.00%	
4ADISE013	MOHAMMED SUHAIL	224236	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	95.00%	
4ADISE024	NEONKA P	228842	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	65.00%	
4ADISE026	SASHEEKUMAR V	228939	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	65.00%	
4ADISE027	SAMINI DORA K P	228972	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	22.00	80.00%	
4ADISE015	MADHUS GOOWDA H K	223280	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
4ADISE024	RAJDEKA M S	228822	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	22.00	80.00%	
4ADISE023	ABHIRWARYA M	222922	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	95.00%	
4ADISE001	ABDUL BASSEER KHAN	224070	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
4ADISE022	PRAVESH GOOWDA S	222362	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	24.00	85.00%	
4ADISE020	ADITHYAN K S	228922	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	22.00	80.00%	
4ADISE023	PREETHI N	228478	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	95.00%	
4ADISE013	LAKSHMI A A	224822	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	24.00	90.00%	
4ADISE020	FAWAZ AHMED	228648	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	65.00%	
4ADISE025	CHANDAN KUMAR C	224622	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	70.00%	
4ADISE021	POOJA BAI	224726	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	95.00%	
4ADISE021	REETHI U	224921	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	65.00%	
4ADISE029	VIVEK S	222824	22	22	A	A	B	C	A	B	A	C	A	B	A	C	A	B	A	C	A	B	20.00	75.00%	
Class Average			100.00%	100.00%	82.71%	100.00%	75.00%	86.29%	100.00%	76.17%	71.43%	72.14%	86.43%	100.00%	62.73%	82.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	76.29%	76.29%


 Mr. Shreeshayana R
 AVR Training Coordinator,
 Dept. of EEE, ATMECE, Mysuru

Department of Computer Science and Engineering



Fig: Training Process



Mr. Shreeshayana R
AVR Training Coordinator,
Dept. of EEE, ATMECE, Mysuru

Department of Computer Science and Engineering

Technical Quiz using ICT Tools

Department of Computer Science and Engineering

Google Forms



Google Forms is a survey administration app that is included in the Google Drive office suite along with Google Docs, Google Sheets, and Google Slides.

Forms features all of the collaboration and sharing features found in Docs, Sheets, and Slides.

It is used to create a quiz for audience or one that'll test your new students' knowledge of your class room methodologies and software solutions, you can use Google Forms to make free, self-grading quizzes in very less time.

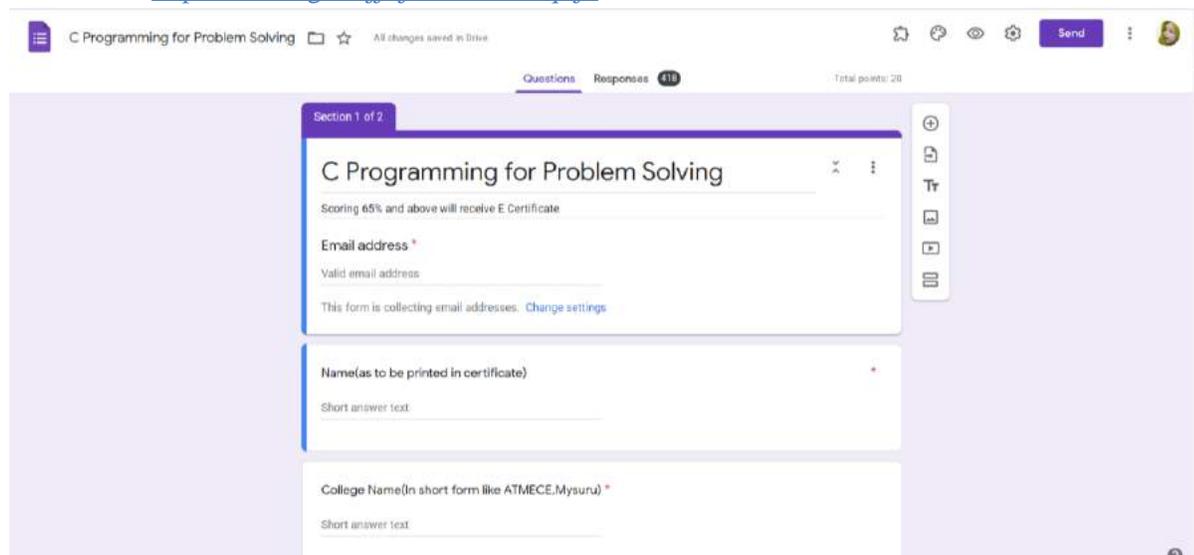
[Faculty Name: Mrs Kavyashree E D](#)

[Sem: II 'F'/Outsider of the college](#)

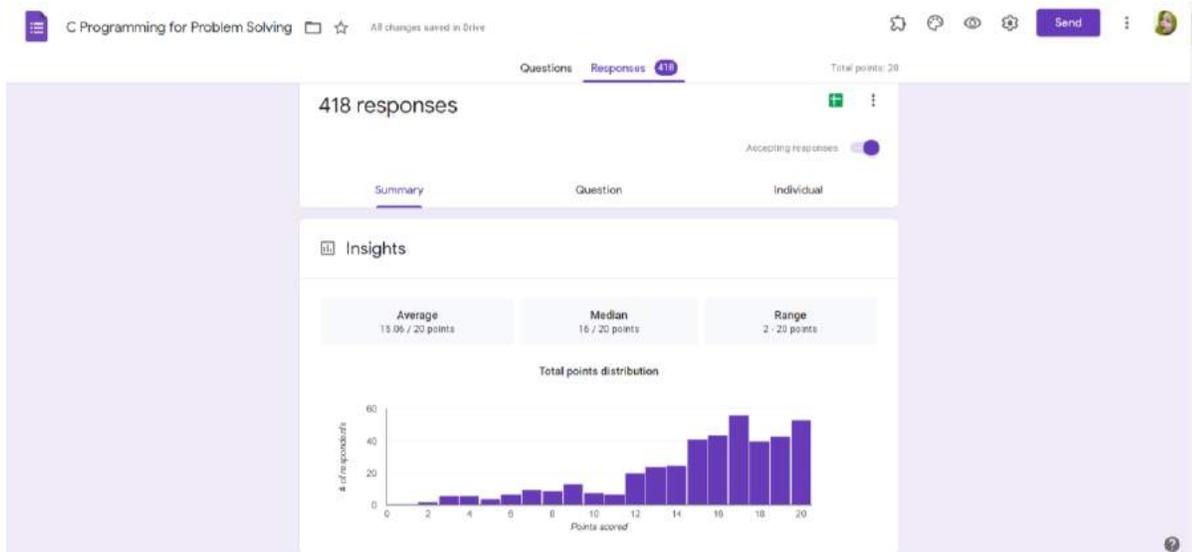
[Subject: C Programming for Problem Solving](#)

Date of Post: 30 June 2020

Form Link: <https://forms.gle/FjjPjSDkfHZbwqPj7>

A screenshot of a Google Form titled "C Programming for Problem Solving". The form is displayed in a web browser window. The title "C Programming for Problem Solving" is at the top, followed by a subtitle "Scoring 65% and above will receive E Certificate". There are three required text input fields: "Email address *", "Name(as to be printed in certificate)", and "College Name(In short form like ATMECE,Mysuru) *". The "Email address" field has a validation message "Valid email address" and a note "This form is collecting email addresses. Change settings". The "Name" and "College Name" fields have "Short answer text" labels. The form is set to "Section 1 of 2" and has a total of 20 points. The browser address bar shows the form link: "https://forms.gle/FjjPjSDkfHZbwqPj7".

Department of Computer Science and Engineering



[C Programming for Problem Solving Report](#)

Certify'em

Certify'em

Build an online exam that emails custom PDF certificates.

Certify'em plugs in directly to Google Forms. It's easy and quick to setup!

Use an included certificate template, or design your own.

All exams and records live in your Google



account.

Department of Computer Science and Engineering

Impartus



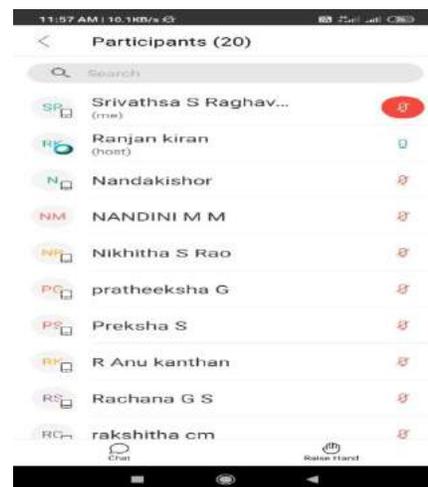
Impartus provides innovative video-enabled learning solutions that drive better outcomes for the higher education sector. The Impartus product suite offers easy, seamless integration to help educators extend learning experiences outside of the classroom and provide relevant content to a diverse body of students around the world.

It provides cutting edge end-to-end solution to automatically record complete classroom experience. The adaptive and secure videos can be consumed live or on-demand from web and mobile applications. The platform also enables students and professor for collaborative learning by sharing content. Enriched with advance search, analytics and Karma, the solution can seamlessly be integrated with Blackboard, Moodle, Canvas, D2L and other well-known LMSs available in market.

Faculty Name: Mr Kiran B

Subject Name: Cryptography, Network Security & Cyber Law

Date of Post: 19th March 2020



Padlet



Padlet is an application to create an online bulletin board that you can **use to** display information for any topic. Easily create an account and build a new board. You can add images, links, videos, columns for sorting or refining organization, and more.

Link for padlet: <https://padlet.com/kavyashreed/vlc9rz11awpi>

Faculty Name: [Mrs Kavyashree E D](#)

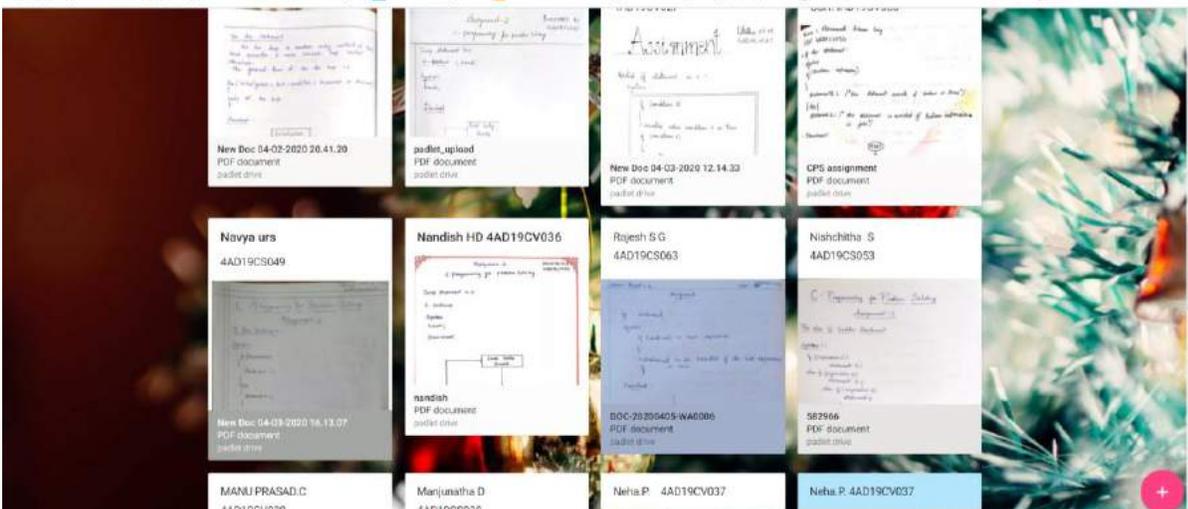
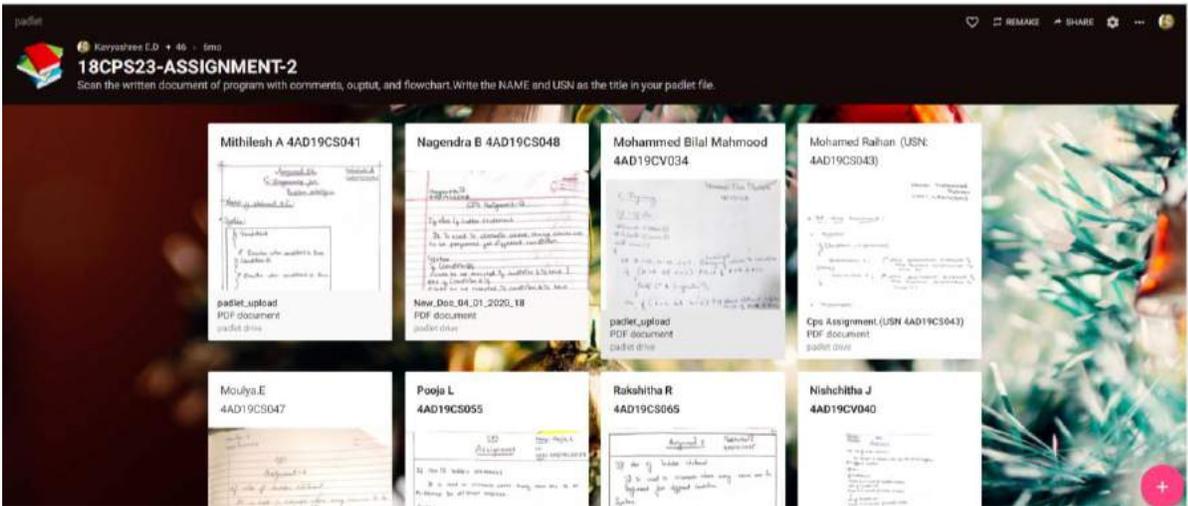
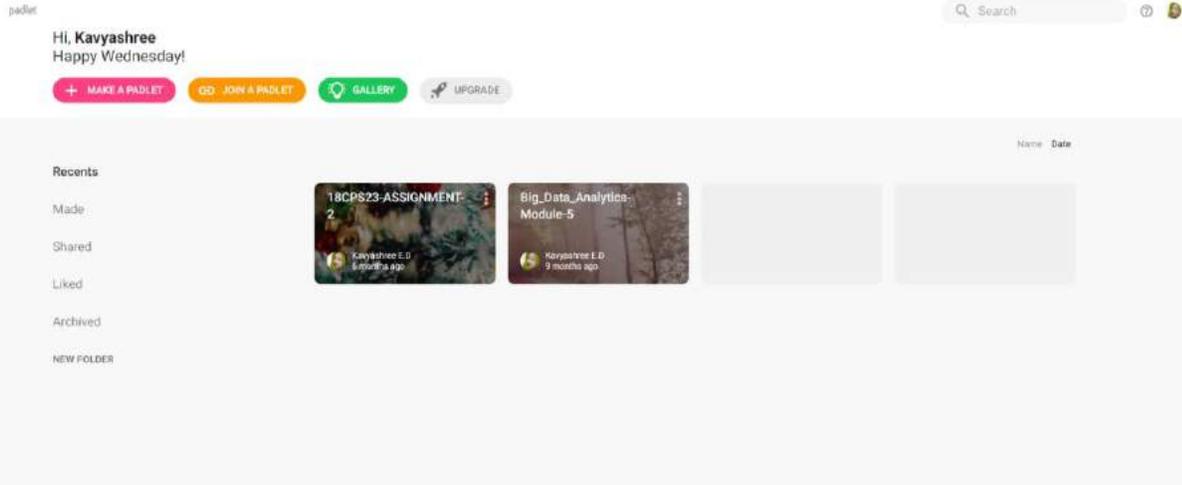
Sem: [II 'F'](#)

Subject: ["C Programming for Problem Solving"](#)

Assignment on [C Programming for Problem Solving](#)

Date of Post : [14 May 2020](#)

Department of Computer Science and Engineering



Department of Computer Science and Engineering

CISCO Webex

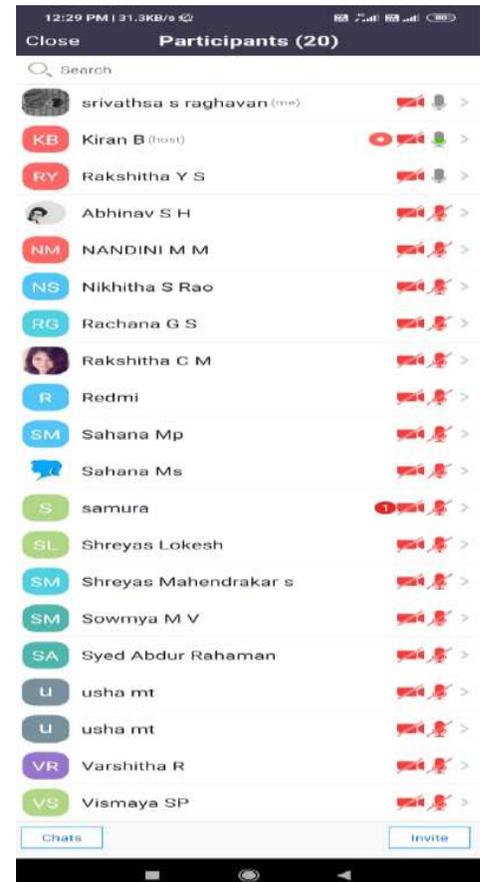


WebEx is a set of tools designed for personal and corporate collaboration. It's **used to** connect to others, typically through the internet, and allows you to communicate with audio, video, text chat, file sharing, whiteboard and other features. A **Webex** meeting is an online meeting that allows you to virtually meet with other people, without leaving your home or office. **Webex** meetings require a computer with Internet access and a separate phone line. By logging into the meeting via the Internet, you will be able to see the presenter's computer screen.

Faculty Name: Mr Kiran B

Subject Name: Cryptography, Network Security & Cyber Law

Date of Post: 07th April 2020



ZOOM



Zoom

Zoom is a web-based video conferencing tool with a local, desktop client and a mobile app that allows users to meet online, with or without video. **Zoom** users can choose to record sessions, collaborate on projects, and share or annotate on one another's screens, all with one easy-to-use platform.

Department of Computer Science and Engineering

OpenGL & Hierarchical Model

Remaining Meeting Time: 03:17 00:42:38 Stop Share

★ Some OpenGL functions helpful for

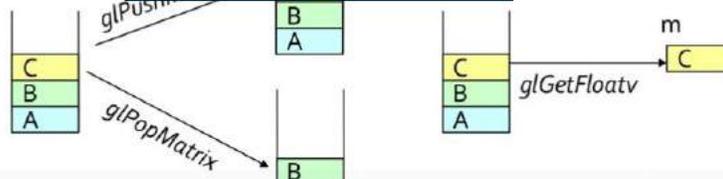
hiera

– voi

– voi

– void

, *m);

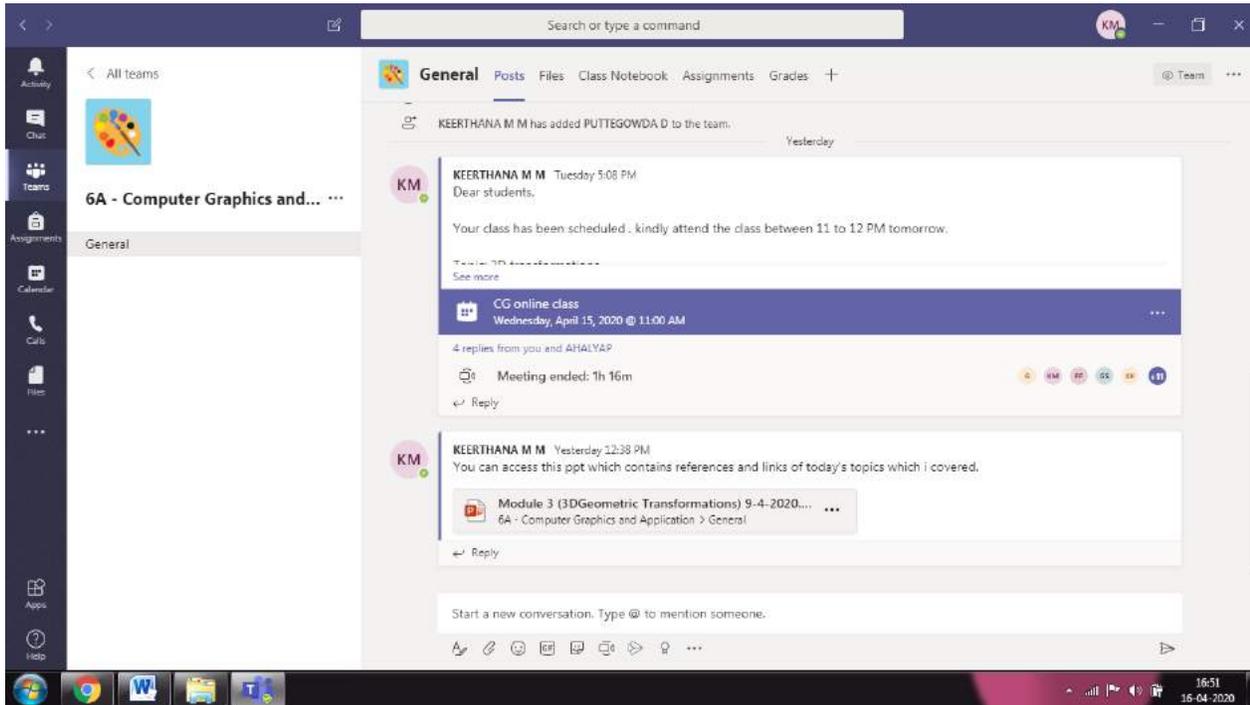


Microsoft Teams



Microsoft Teams is a unified communication and collaboration platform that combines persistent workplace chat, video meetings, file storage (including collaboration on files), and application integration. The service integrates with the Office 365 subscription office productivity suite and features extensions that can integrate with non-Microsoft products.

Department of Computer Science and Engineering



MS Forms

Microsoft Forms (formerly **Office Forms**) is an [online survey creator](#), part of [Office 365](#). Released by [Microsoft](#) in June 2016, Forms allows users to create surveys and quizzes with automatic marking. The data can be exported to [Microsoft Excel](#).

[Faculty Name: Mrs Kavyashree E D](#)

[Sem: V](#)

[Subject: Aptitude Verbal Resoning](#)

Topic: Permutation

Date Of Post: 1 Jan 2021

Form Link: https://forms.office.com/Pages/ResponsePage.aspx?id=MFn5iZb_oUGePrbRIBkr_-bbDk-N6lFDuitMS3OuYd9UN1BGODQ2SzdOQ1hDSU9LSzUyWDhVM0hKSC4u



Department of Computer Science and Engineering

Forms Permutation - Saved

Preview Theme Share

Questions Responses 72

Permutation

1. How many ways the letters of the word 'ARMOUR' can be arranged?

720
 300
 650
 790
 None of these ✓

2. How many ways the letters of the word 'BANKING' can be arranged?

Forms Permutation - Saved

Preview Theme Share

Questions Responses 72

72 Responses 09:52 Average time to complete Closed Status

Review answers Post scores Open in Excel

1. How many ways the letters of the word 'ARMOUR' can be arranged?
92% of respondents (66 of 72) answered this question correctly.

More Details

720	0
300	0
650	4
790	2
None of these	66 ✓

2. How many ways the letters of the word 'BANKING' can be arranged?
89% of respondents (64 of 72) answered this question correctly.

More Details

3040	0
------	---

Department of Computer Science and Engineering

Google Classroom

Google Classroom is a free web service developed by Google for schools that aims to simplify creating, distributing, and grading assignments. The primary purpose of Google Classroom is to streamline the process of sharing files between teachers and students.



Google Classroom

Faculty Name: Mrs Kavyashree E D

Sem: VIII

Subject: "Big Data for Analytics"

Link for google classroom login: <https://classroom.google.com/c/NTgxMjIxMjY3MjRjRa>

The screenshot displays the Google Classroom interface for a class named "BIG_DATA_ANALYTICS_15CS82". At the top, there are navigation tabs for "Stream", "Classwork", "People", and "Grades". The main content area shows a red header with the class name and code "jvu0m6a". Below this, there is an "Upcoming" section with "No work due soon". The "Stream" section contains an announcement by "Kavyashree E.D" dated "Apr 11, 2020" titled "Big data tools overview". This announcement includes a video file named "big data.mp4". Below the announcement, there is a list of assignments: "July-2019 (1).pdf", "Module 3.pdf", "Module 4.pdf", "Module 5.pdf", and "MODULE_5.pptx".

Department of Computer Science and Engineering

Edmodo

Edmodo

Edmodo is an educational technology company offering a communication, collaboration, and coaching platform to K-12 schools and teachers. The Edmodo network enables teachers to share content, distribute quizzes, assignments, and manage communication with students, colleagues, and parents.

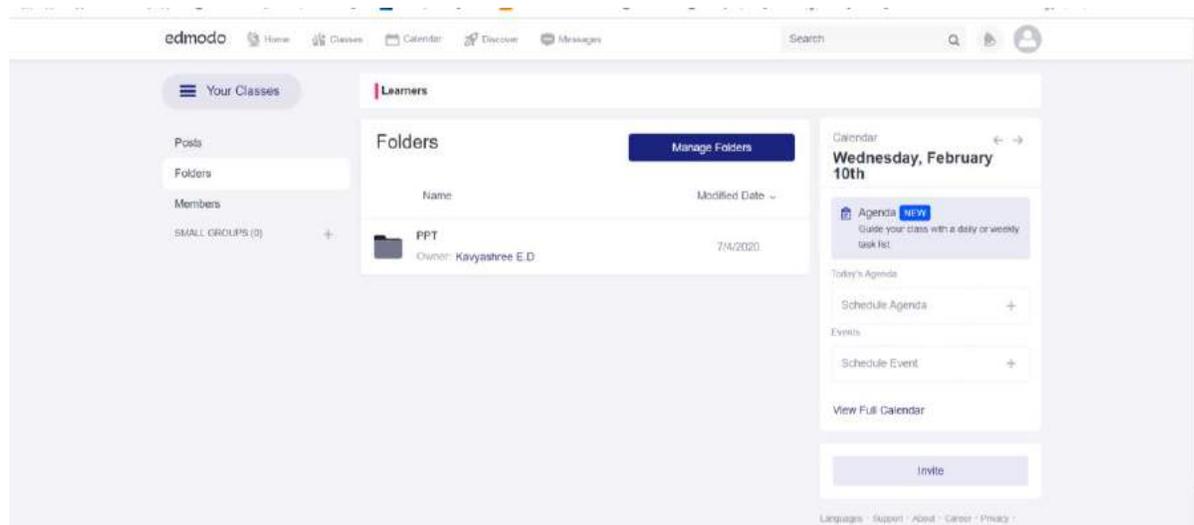
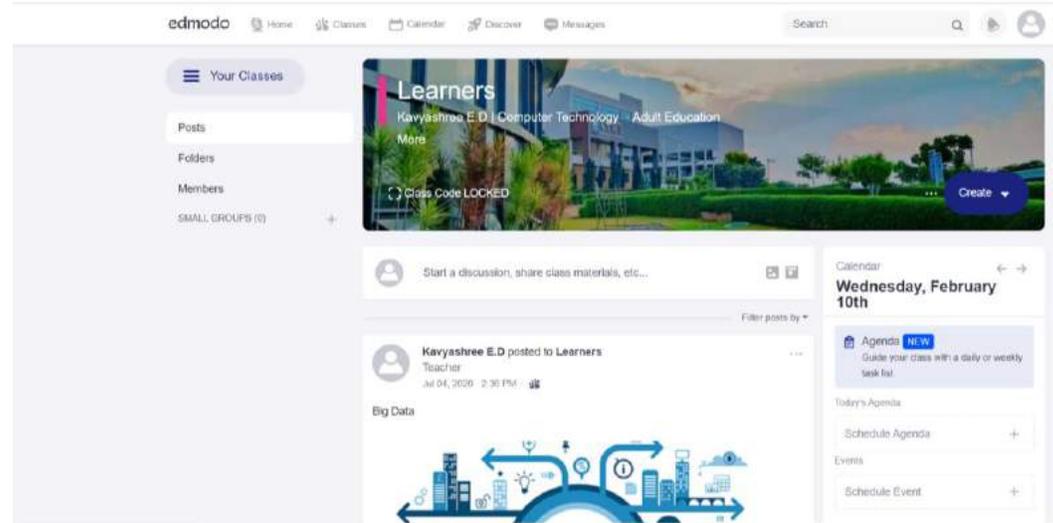


Faculty Name: Mrs Kavyashree E D

Sem: VIII

Subject: “Big Data for Analytics”

Link for Edmodo login <https://new.edmodo.com/groups/learners-35586993/posts>



Experiential Learning

1. Internship to understand corporate learning environment
2. Project Work
3. Laboratory Sessions
4. Self-learning through online Platforms
5. ICT Based Learning

Internship to understand corporate learning environment

Experiential Learning

a. Internship

The Department encourages students to undergo internship as per the university curriculum.

Academic Year: 2020-2021

Sl.No	Student Name	Company
1	Akhilesh B	BEML
2	Shreyas Y	BEML
3	Pavan S	Contriver
4	Sanjay R	Contriver
5	Syed Waseem	Contriver
6	Yogesh k	Contriver
7	Sanju Joel	Elite Technologies
8	Santhosh Kumar S	Elite Technologies
9	Chandan Kumar D M	GT &TC
10	Chayasiddesh K S	GT &TC
11	Karthik Aiyappa M B	GT &TC
12	Mahadevaprasad N	GT &TC
13	Manjunath	GT &TC
14	Prasanna Kumar M	GT &TC
15	Preetham K	GT &TC
16	Yathish Kumar R	GT &TC
17	Akash Mohan	Gustovalley
18	Avinash B A	Gustovalley
19	Chanakya S	Gustovalley
20	Harshith B	Gustovalley
21	Mohammed Usman Shariff	Gustovalley
22	Monica Rani B M	Gustovalley
23	Vrushank M	Gustovalley
24	Mohammed Ikram	Hindustan Springs
25	Sakhil Ahmed	Hindustan Springs
26	Syed Adnan	Hindustan Springs

Department of Mechanical Engineering

27	Syed Arbaz	Hindustan Springs
28	Syed siddiq	Hindustan Springs
29	Darshan P	J K Tyres
30	Mallikarjunaswamy R	J K Tyres
31	Naveen L	J K Tyres
32	Rahul S A	Jahnavi Precision Components
33	Vinay C S	Jahnavi Precision Components
34	Mohammed Furkhan	K K Industries
35	Ganesh M M	Manjunath Industries
36	Kiran Prasad G	Manjunath Industries
37	Manoj. N	Manjunath Industries
38	Sagar N	Manjunath Industries
39	Mohammed Faraz F	New Mysore Pipes
40	Adyantha H S	Patel Enterprises
41	Bhagoshi N Govind	Patel Enterprises
42	Chiranth C S	Patel Enterprises
43	Nagendra Prasad D S	Patel Enterprises
44	Rohan Patel H S	Patel Enterprises
45	Rohith N	Patel Enterprises
46	Shashikumar R	Patel Enterprises
47	Jeevan P B	People Mechanics
48	N Abhishek	People Mechanics
49	Naveen N	People Mechanics
50	Prajwal G R	People Mechanics
51	Rajath Kumar M L	People Mechanics
52	Sanath H M	People Mechanics
53	S M Farooq Quadri	People Mechanics
54	Chandan S	Pragathi Industries
55	Dhanush Patel H B	Pragathi Industries
56	Likith Dinesh Kumar	Pragathi Industries
57	Rajendra Murthy	Pragathi Industries

Department of Mechanical Engineering

58	Abhishek K R	Rane (Madras) Limited
59	Chaithra K. N	South Western Railway
60	Manasa	South Western Railway
61	Mukesh Prasad R	South Western Railway
62	Naveen L	South Western Railway
63	Paneesh J S	South Western Railway
64	Pooja M	South Western Railway
65	Pramod Gowda B S	South Western Railway
66	Rajendra A	South Western Railway
67	Ranjan P D	South Western Railway
68	Ruhid Pasha A	South Western Railway
69	Varun N	South Western Railway
70	Vinaya D S	South Western Railway
71	Viveka K	South Western Railway
72	Abhishek S	Sri Sai Industries
73	Abhijith S	Ultismart Technologies
74	Abhilash S	Ultismart Technologies
75	Adarsh Gowda m	Ultismart Technologies
76	Ajith Kumar R	Ultismart Technologies
77	Akshay R Bharadwaj	Ultismart Technologies
78	Arjun V	Ultismart Technologies
79	Bhanuprakash P	Ultismart Technologies
80	Chandan Y	Ultismart Technologies
81	Charan N A	Ultismart Technologies
82	Darshan R	Ultismart Technologies
83	Deekshith Gowda C K	Ultismart Technologies
84	Ganesha M	Ultismart Technologies
85	Harshitha V	Ultismart Technologies
86	Jayanth S	Ultismart Technologies
87	Kiran N A	Ultismart Technologies
88	Kishore M	Ultismart Technologies

Department of Mechanical Engineering

89	Madhu K B	Ultismart Technologies
90	Manoj E	Ultismart Technologies
91	Manoj Kumar N S	Ultismart Technologies
92	Mohammed Afnan	Ultismart Technologies
93	Mohammed Arbaz	Ultismart Technologies
94	Mohammed Ibrahim	Ultismart Technologies
95	Mohammed Khasim Usaid	Ultismart Technologies
96	Mohammed Umar Farooq	Ultismart Technologies
97	Mohammed zain	Ultismart Technologies
98	Mohan Ganesh	Ultismart Technologies
99	Naveen Kumar C K	Ultismart Technologies
100	Nisha C M	Ultismart Technologies
101	Nithin N D	Ultismart Technologies
102	Praveen M S	Ultismart Technologies
103	Rahul Gowda R	Ultismart Technologies
104	Sanjesh N	Ultismart Technologies
105	Sunith R	Ultismart Technologies
106	Suprith Y	Ultismart Technologies
107	Uday Kumar	Ultismart Technologies
108	Vikram S P	Ultismart Technologies
109	Vivek R	Ultismart Technologies
110	Syed Tajammul Ahmed	Universal Automobiles
111	Amit Thulsidass	V2Soft Private Limited
112	Sachin H B	Visionurgy Technologies
113	Sanjay Gowda B S	Visionurgy Technologies



HOD

b. Sample Internship Certificates

USN	NAME
4AD17ME052	Pavan S



#127/1, Chamalapura St.,
Nanjangud, Mysuru
571301

+91 7829540019 +91 8221295206

FIRM NO: MYS-F325-2017-18

REF NO: 106-MYS-TIT-3-0419

TO WHOM IT MAY CONCERN

This is to certify that Mr/Miss. Pavan S [4AD17ME052] of college Academy For Technical and Management Excellence College of Engineering (ATME), Mysuru have worked as an intern in the Department of Designing and Development in our Kuvempunagar branch, Mysuru.

During the internship training period, following work was trained to him/her:

- Professional Designing
- Servo Hydraulics
- Computational Fluid Dynamics
- Vehicle Dynamics

The duration of the internship was from 01/03/2021 to 19/04/2021 (working days only).
His/her performance during the internship training period was

Satisfactory
 Average
 Not Satisfactory

We wish him/her best of luck for his future endeavour.

For CONTRIVER
Sanjay B
Managing Partner
SANJAY B
Chief Executive Officer, Contriver

Checked By:
Anjan S

Date: 20/04/2021
Place: Mysuru



A CENTRAL GOVERNMENT OF INDIA RECOGNIZED ORGANIZATION

#startupidia **MEME** WWW.CONTRIVER.CO.IN



STARTUP
KARNATAKA

USN	NAME
4AD16ME086	Syed Adnan

GSTIN: 29AACFH1113R1Z8
Email : springsbtl@gmail.com
hsmchesbo@dataone.in

Ph : 2514256, 2416614
2515034



**HINDUSTAN SPRING
MFG. CO. Unit - 1**



QUALITY SPRING MANUFACTURERS

Our Ref. No. HSMC / ATME / 2021

April 6, 2021
Date

CERTIFICATE

This is to Certify that Mr.Syed Adnan with USN No.4AD16ME086 student of your College ATME College of engineering, Mysore, studying 8th semester Mechanical Engineering has successfully completed his intemship "Study of spring manufacturing process" in our organisation for a period of 04.03.2021 to 06.04.2021.

Thanking You,

Yours faithfully,
For Hindustan Spring Mfg.Co

Partner

USN	NAME
4AD16ME001	Abhishek K R

Rane (Madras) Limited

79/64, Hoostagall Ind. Area
Mysore - 570 018
CIN: L65989TN2004PLC052856

Tel: 0821 - 4006700
4006701
URL: www.ranegroup.com



Date: 19.08.2019

CERTIFICATE

This is to certify that, Mr. ABHISHEK K R (USN 4AD16ME001), student of ATME College of Engg, Mysuru. Studying BE in Mechanical Engineering has successfully completed the Internship at Rane (Madras) Ltd under the Guidance of Mr. SUBRAMANYA PRASAD, Deputy Manager, PROD.-SSLP-TELC, Dept., for the period of 05th July 2019 to 03rd Aug 2019.

We found him enthusiastic and committed to the internship he underwent.

For Rane (Madras) Limited



**Misha
Dy. Manager - HR**



HOD

Project Work

Experiential Learning

Students are encouraged to develop models and projects which help societal needs. Advanced and slow learners are encouraged to take part in project exhibition. State level Intercollegiate Project Exhibition and competition YANTRIX will be conducted on every year to encourage student's project.

YANTRIX-2019

11TH MAY | 9:30 AM

A T M E
College of Engineering

**STATE LEVEL INTER-COLLEGIATE
PROJECT COMPETITION CUM EXHIBITION**

YANTRIX-19

STUDY PROJECTS
HOBBY PROJECTS
WORKING MODELS

REGISTRATION FEE :
INR 800 PER TEAM FOR STUDY AND WORKING MODELS.
INR 200 FOR HOBBY PROJECTS.
(MAX 4 PARTICIPANTS IN A TEAM)

FOR REGISTRATION CONTACT:

FACULTY CO ORDINATORS:
MR. MD. NADEEM M | 9886556739
MR. RAKSHITH N | 8861939112
MR. SURESH KUMAR S | 9739582217

VENUE :
MECHANICAL BLOCK
ATMECE

CERTIFICATE FOR ALL PARTICIPANTS

WIN PRIZES WORTH WIN PRIZES: 20K WIN PRIZES

STUDENT CO ORDINATORS : KRISHNA PRASAD | 7019775161 || MANJUNATH M N | 9845568636 ||

YANTRIX-2019 Poster



YANTRIX-2019 Inaguration

a. Few Sample Project Work by the students is as shown below:



Milk Jar Washer Machine



Sugarcane Harvester



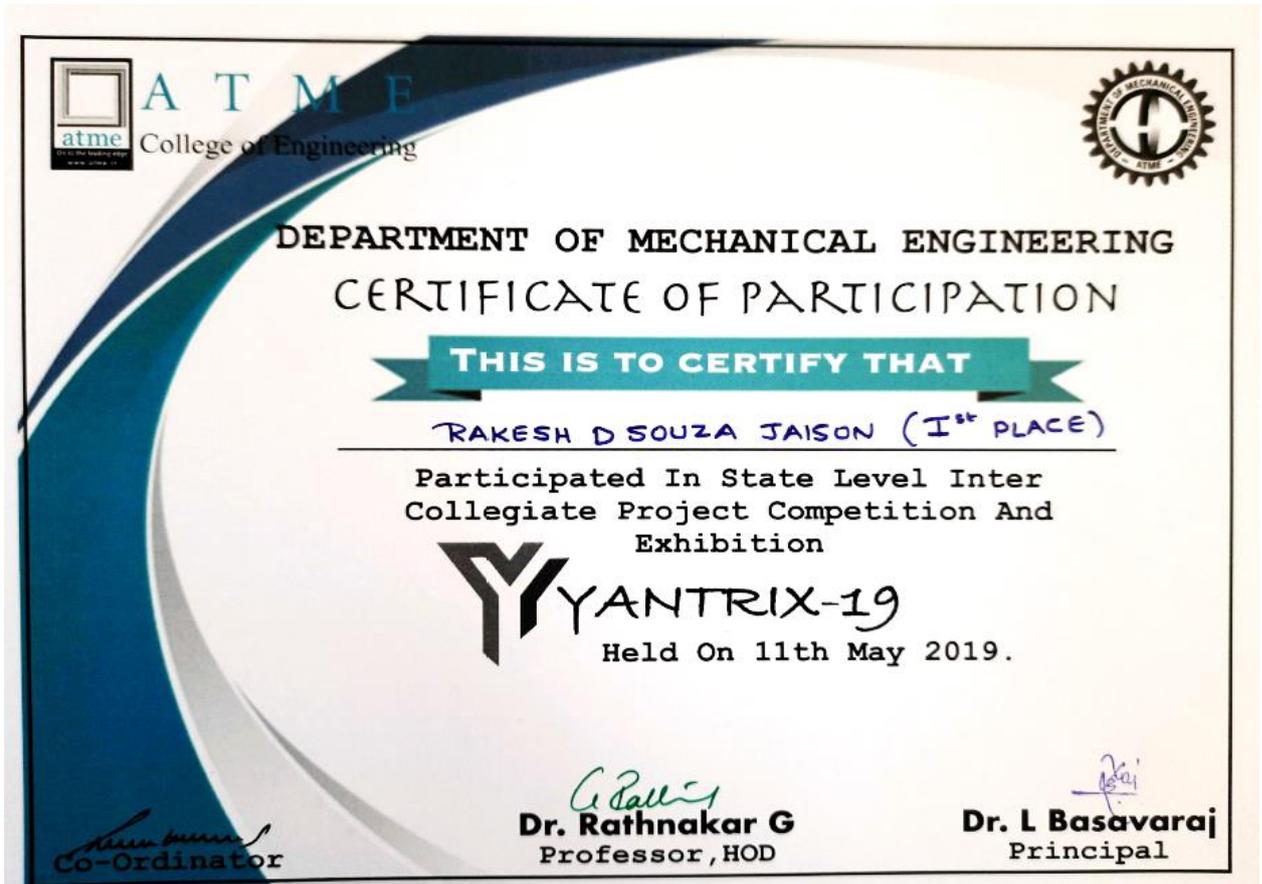
Solar powered Cycle and Furnace

Department of Mechanical Engineering



HOD

b. Best Project Presentation Award

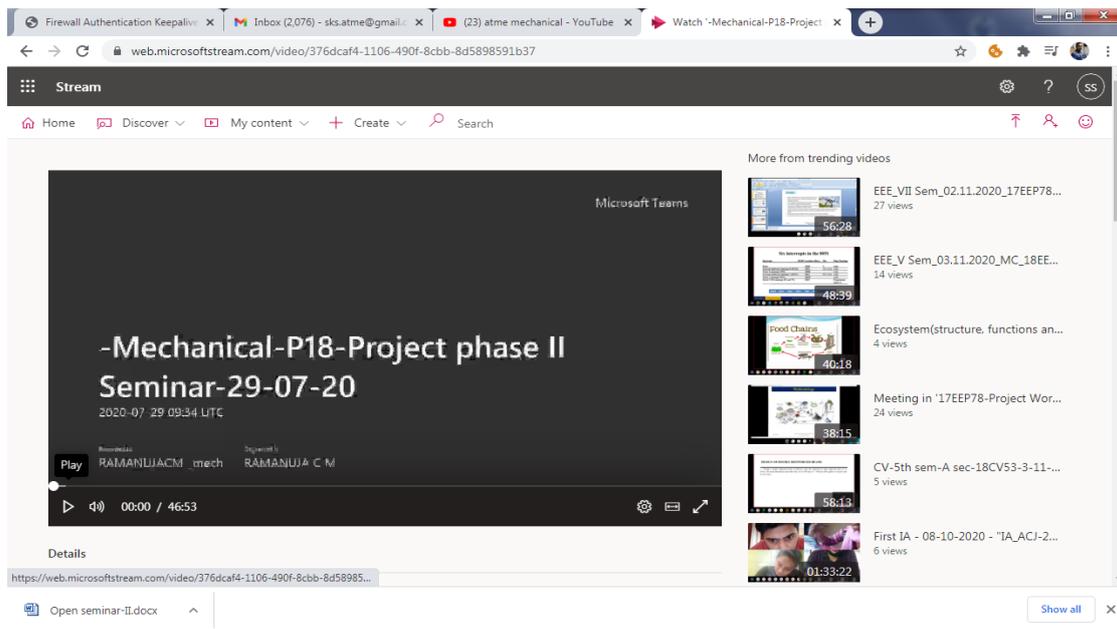
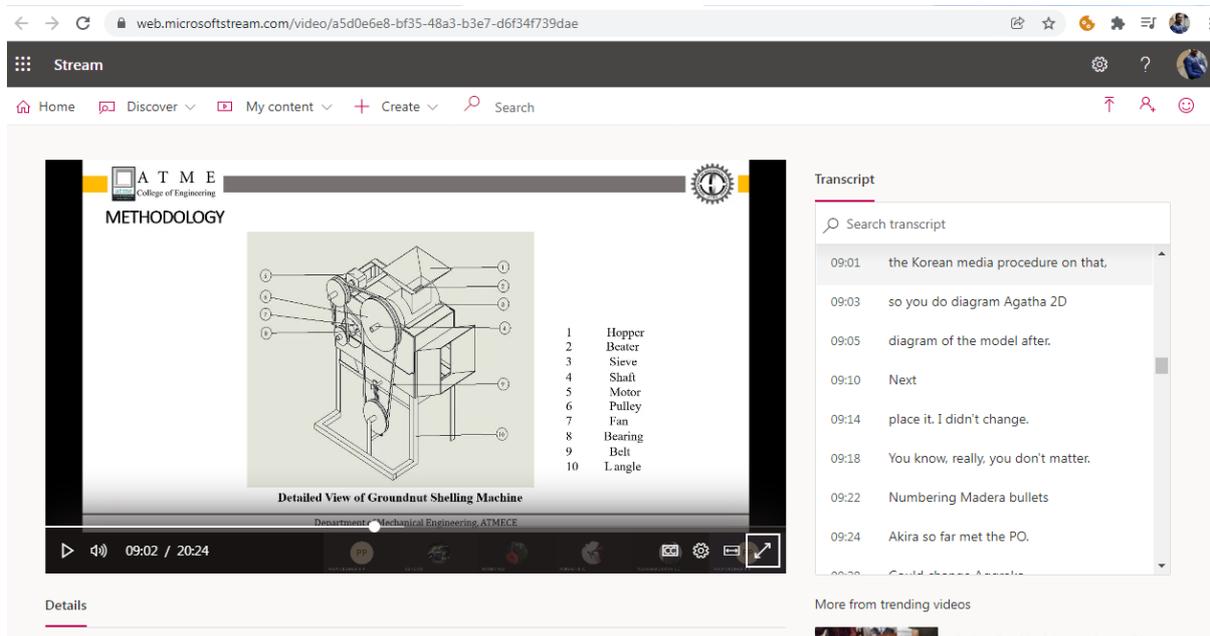


[Signature]
HOD

Department of Mechanical Engineering

c. During the COVID 19 Pandemic, learning and evaluation process of project was conducted through MS Teams platform.

1. Online Evaluation Activity in MS Teams: AY: 2020-2021

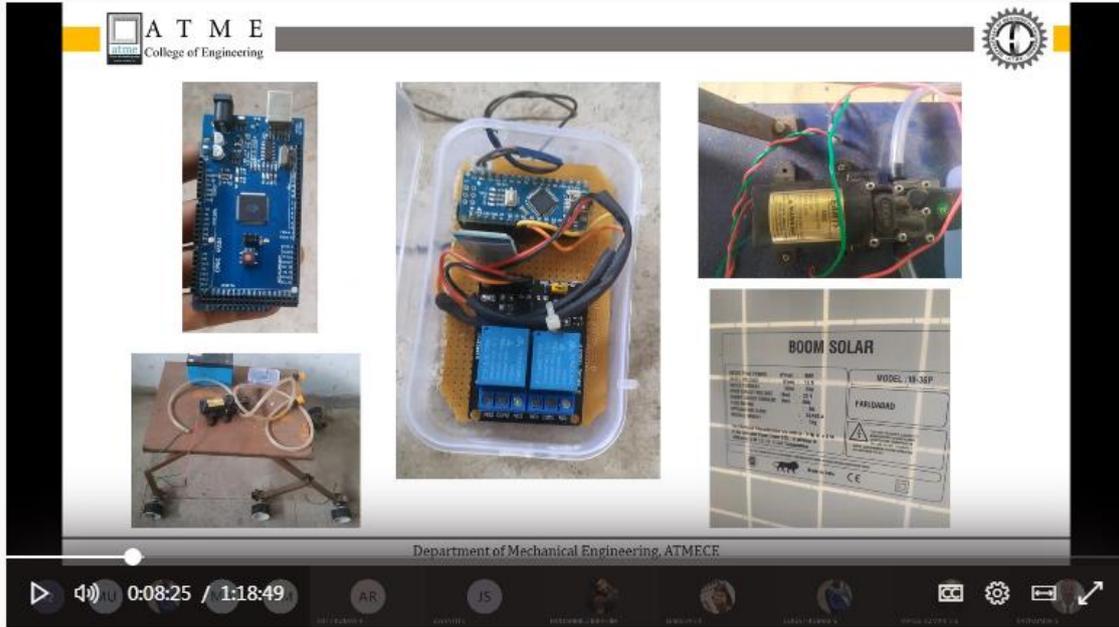


Department of Mechanical Engineering

web.microsoftstream.com/video/b5206cb8-7169-478c-a04f-f1b4d0f04c99

Stream

Home Discover My content Create Search



The video player displays a project titled "ATME College of Engineering". The main content area shows four images: a blue PCB with various components, a battery pack with blue cells connected to a PCB, a motor with wires, and a solar panel labeled "BOOM SOLAR" with technical specifications. The video player interface includes a play button, a progress bar at 0:08:25 / 1:18:49, and a list of participants at the bottom.

Details



HOD

Laboratory Sessions

Experiential Learning

The Department offers all the laboratory facility prescribed by the university in the curriculum.

Laboratory Session Photos:



Engineering Graphics lab

Engineering Graphics lab is common for first year students of all branches of engineering. Here they learn Basic Engineering Drawing using Solid Edge software.

Lab is facilitated with Dell Desktops with LAN connectivity, Epson multimedia projector and Smart Board Facility. Computer systems with LAN connection are provided to individual students.



Material Testing lab

Mechanical Engineering students are going to learn this lab in Second Year. In this lab students learn about material testing using various Modern testing Machines.

Major equipments include Vickers Hardness, Brinell Hardness and Rockwell testing machines, Impact Testing Machine, Torsion Testing Machine, Fatigue Testing Machine, Wear Testing Machine, Magnetic Crack detector, Ultra Sonic flaw detector, Single disc Polishing Machine, Die penetrate tester, Metallographic inverted microscope, Universal Testing Machine - 60T capacity.



Machine Shop

Mechanical Engineering students are going to learn this lab in Second Year. Here the students learn various machining operations performed on Machine Tools such as Lathe, Milling, Drilling, Grinding, Shaping etc. Here they prepare models using a Metal work piece.

Major equipments include all geared lathe Machine, Shaping Machine,

Department of Mechanical Engineering



Foundry and Forging Lab

Mechanical Engineering students are going to learn this lab in Second Year. This lab exposes the students to Sand Molding process, various types of molding sands and conduct experiments to find their properties. In forging section students learn about hot working of metals using various forging tools.

Major equipments include Universal Sand Testing Machine with Attachments, Sieve Shaker Machine, Rapid moisture tester Machine, Permeability meter, Hardness tester, Clay content tester, Moisture content tester, Specimen Drier with digital temperature indicator, Electronic Balance, Muffle Furnace, Centrifugal Blower with motor, Smithy Furnace.



Mechanical Measurements and Metrology Lab

In this lab students learn about the various techniques of measurement, use of various measuring instruments, identification of errors with-in the instruments and the means of Calibration. They are also exposed to the various standards that incorporated in Industries to aid the process of Quality control. Major equipments include Calibration of Pressure gauge, Calibration of Thermocouple, Calibration of L.V.D.T, Calibration of Load Cell, Strain & young's modules, Autocollimator, Sine bar and Sine center, Bevel protractor, Gear tooth micrometer, Lathe tool Dyanamometer, Drill tool Dyanamometer, Slip gauge box, Mechanical Comparator std, Floating carriage micrometer and Magnetic stand with Dial gauge.

Department of Mechanical Engineering



Fluid Mechanics and Machinery lab

Mechanical Engineering students are going to learn this lab in third year. Students conduct experiments to find Fluid Mechanics properties like coefficient of discharges, Major and Minor losses in flow through pipes etc. They also conduct experiments to find performance characteristics of Fluid machines like Water Turbines and Air compressor. Major equipments include Pelton wheel turbine apparatus, Francis turbine apparatus, Centrifugal pump test rig, Centrifugal air blower, Two stage reciprocating air compressor test rig, Impact of jet apparatus, Orifice and Venturimeter apparatus, Friction through pipes apparatus, Nozzle apparatus, Minor losses in pipes apparatus, V-notch apparatus and Reciprocating pump test rig



Energy Lab

Here the students conduct experiments to find properties of Fuels and Lubricating oils, experiments on various I C engine Test rigs to evaluate performance characteristics.

Major equipments include flash and fire point apparatus, Viscometers, Planimeter, Digital Bomb calorimeter, Boy's Gas calorimeter, 4 stroke Single cylinder Diesel Engine, 2 stroke single cylinder petrol engine test Rig, 4-stroke single cylinder petrol engine test rig, 4- stroke single Cylinder Variable Compression Ratio petrol engine test rig, Valve Timing Diagram Port Timing Diagram, 4- stroke single cylinder Diesel engine test rig, 4 Stroke Multi Cylinder Petrol Engine Test Rig - 3 Cylinder, Cut section of 2 Stroke single cylinder petrol engine and Cut section of 4 Stroke single cylinder diesel engine.



Heat Transfer Lab

In this lab experiments are conducted to understand three modes of heat transfer viz., Conduction, Convection and Radiation. They also conduct performance tests on Refrigeration and Air-conditioning systems.

Major equipments include Thermal Conductivity of Metal rod apparatus, Heat Transfer coefficient composite wall apparatus, Heat Transfer through Natural convection, Forced convection, through Pin Fin apparatus, Emissivity Measurement apparatus, Stefan Boltzman Apparatus, Parallel Flow And Counter Flow Heat Exchange Apparatus, Drop and Film Condensation Apparatus, Transient Conduction Heat Transfer Apparatus, Vapour Compression refrigeration Test rig and Vapour Compression Air Conditioning Test Rig.



Modelling and Analysis lab

Mechanical Engineering students are going to learn this lab in third year. Students learn about numerical software tool in this lab and also they use workbenches like Static Structural, Thermal, Modal and Harmonic to solve the problems of the respective area.

Lab is facilitated with Dell Desktop optiplex systems, Generic required Softwares and Epson LCD Projector.

Department of Mechanical Engineering



CIM Lab

Final year students learn CNC part programming using simulation Software. Students are going to develop the part program for a given model and simulate the same. Knowledge about Flexible Manufacturing System, Robotics and Hydraulic and Pneumatic systems are given to students which are a part of Advanced Manufacturing System.

Lab is facilitated with Dell Desktop optiplex systems, Generic required Softwares and Epson LCD Projector.



Design lab

Final year students are exposed to this lab, where they learn about Machine dynamics, Stress analysis, and Vibrating systems. Here students get hand-on experience about acquired theoretical knowledge.

Major equipments include Journal Bearing apparatus, Principal Stress and Strain Apparatus, Balancing of Rotating Masses, Vibration Studies apparatus, Whirling of Shaft apparatus, Motorized Gyroscope, Curved Beam Apparatus, Polariscope and Universal Governor Apparatus



Project Lab

Project lab is used by the final year students to fabricate their projects. The facilities Fitting, Welding and Sheet metal work. Various equipment and Engineering tools are provided in this lab.

Major equipments include Bench vices, Leg vice, Fitting tools, Arc welding Machine and Sheet metal work tools.



HOD

Self-learning through Online Platforms

Sample Certificates

TATA STEEL 



Certificate

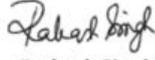
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KARTHIK AIYAPPA

for successfully completing the Elearning program on

Industrial Water system

Date : 15-04-2020


Prakash Singh
Chief, Capability Development





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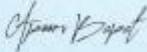
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Also Successfully Completed & Submitted the practice models, assignments & tutorials.

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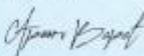
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BASIC TO PROFESSIONAL TRAINING PROGRAM

Course Duration 60 Days Center Online

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Also Successfully Completed & Submitted the practice models, assignments & tutorials.

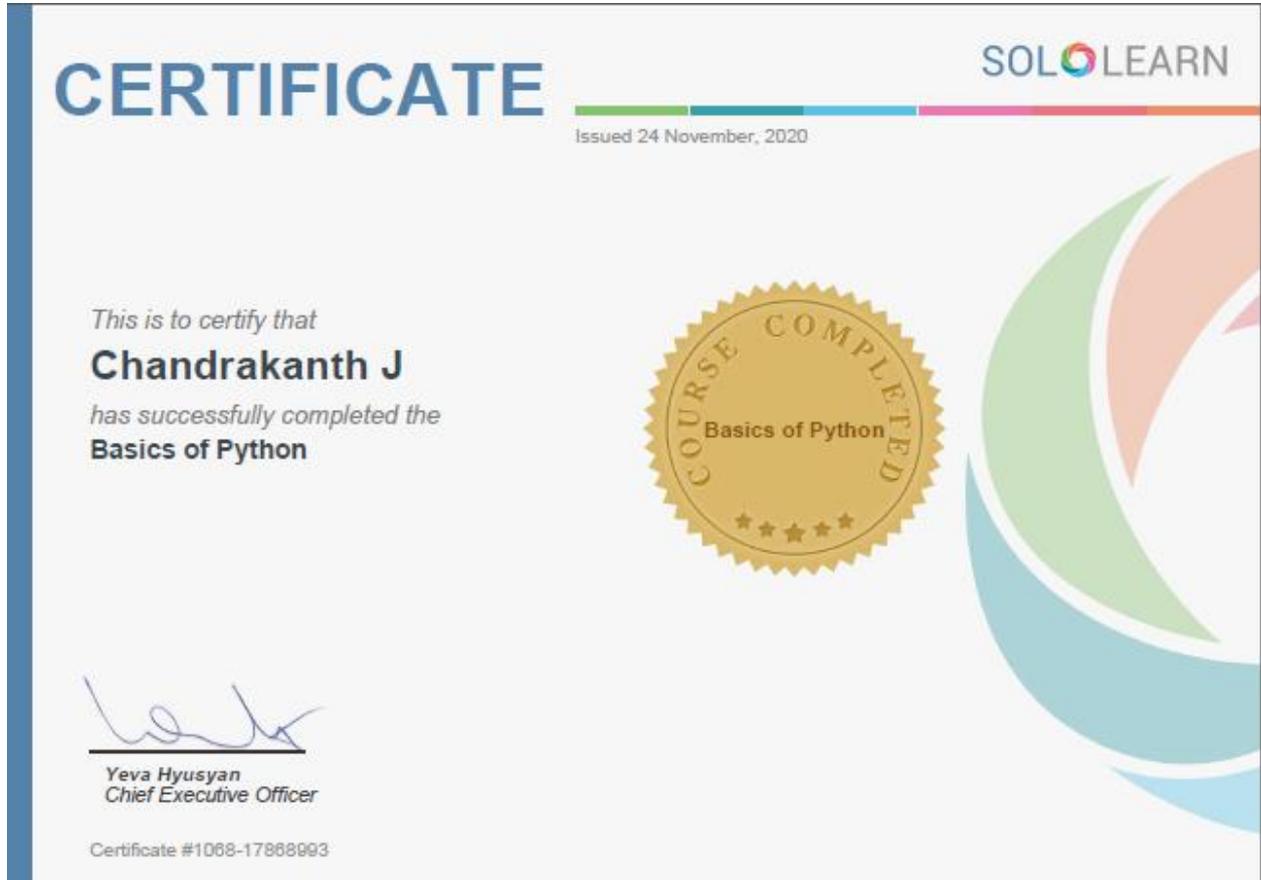
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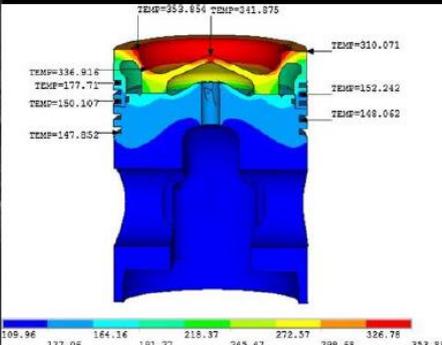
Sample Certificates

Self-Learning

ANALYSIS ON FAILURE OF PISTON

Vrushank M
Syed Adnan
 5th B sec
 Mechanical branch
 ATME college of engineering,
 Mysuru

REASONS FOR FAILURE OF A PISTON


illustrates the mechanical damage to a piston. During engine operation, a valve or another foreign part fell into the cylinder, causing a piston failure. Mechanical piston damage may occur due to a foreign body entering the cylinder, which has passed through the air filter or got there during repair or maintenance work. Failures due to this cause depend on the size of the part that has entered the cylinder, and its material. It should be noted that, as practice shows, a foreign part that enters one cylinder may, via the inlet or exhaust manifold, get to the other cylinders; so, due to the entrance of one part, failures might occur in many different cylinders. If the size of a foreign body entering the combustion chamber is greater than the minimum distance between the piston head and the valves, then, in addition to the damage of the piston, a valve bending or even valve guide breaking may also occur.

[Signature]
HOD

ICT Based Learning

Information Communication Technology (ICT) tools used for Teaching & Learning Process (TLP)

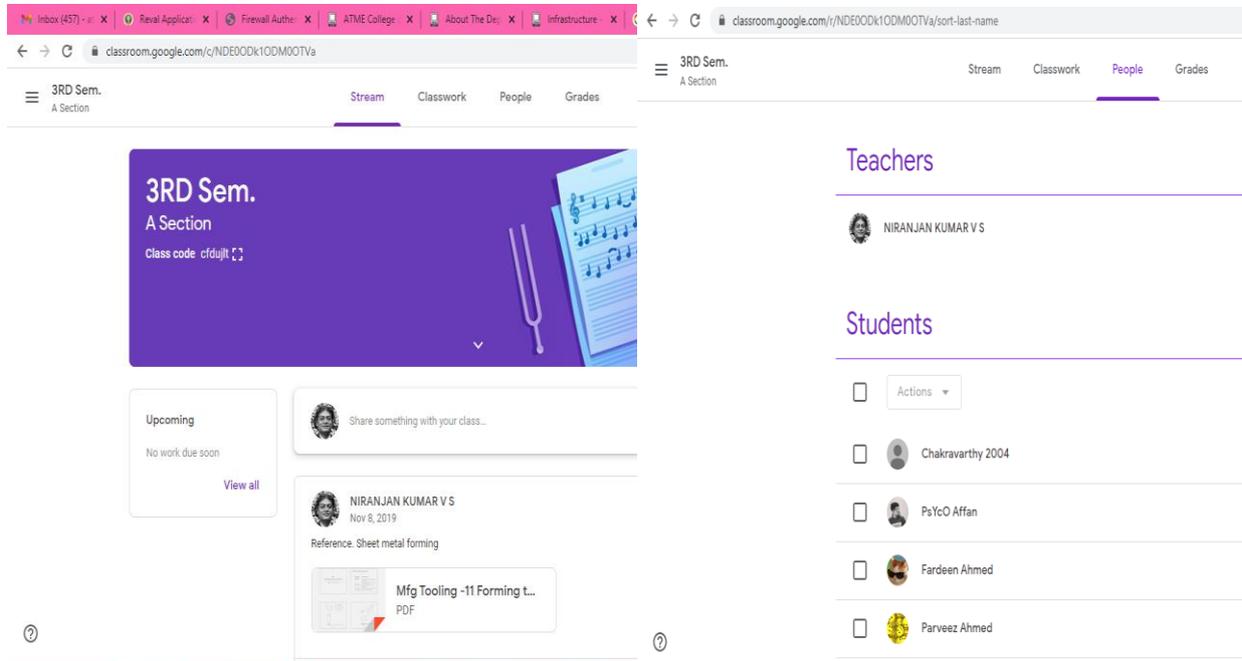
Information Communication Technology (ICT) tools helps to understand the concepts and lessons in deeper and better manner. Faculty engage ICT based classes to motivate students by sharing information and creating awareness on subjects. The ICT tools used by Department of Mechanical Engineering are listed below:

1. Microsoft Teams
 2. Zoom- Online Learning Platform
 3. Google classroom
 4. YouTube
 5. Student response system
-
- a) The faculty members of the Department of Mechanical Engineering directed Live Online classes through MS Teams, ZOOM and shared videos, PPTs through Google classroom and also evaluated students through MS Team, Google classroom for Assignment in the form of Quiz. In addition to this, recorded videos of laboratory experiments uploaded on YouTube.
 - b) Project Phase Evaluation, Seminar and Internship evaluation was also conducted through MS teams Platform
 - c) Webinars for students are also conducted through MS teams, YouTube Live streaming.
 - d) Student response system is used for conducting quiz.

MS Teams Screenshot Project Evaluation:

HOD

The Google classroom (snapshot) provided for reference.



Interactive Classroom Teaching (ICT)



Figure: Sample of Using Microsoft I Cloud student response system for Classroom Teaching

HOD

Student Learning Resources

Study Materials

Website Link: <http://atme.in/mechanical/resourses-mechanical-department/>

Mech

About The Department

Infrastructure

Faculty Details

Student Learning

Centric

Achievements

Research Initiative

Industry Interface

Placement

Co curricular & Extra

Curricular activities

Teachers Teaching

Analysis

Counselling module

E News Letter

Academic Year – 2020-2021

Course Details & Content								
3rd Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Ms.Banupriya J (A) / Mr.Sudhakar N (B)	CLICK	CLICK	CLICK	CLICK	CLICK
2	18ME32	Mechanics of Materials	Mr. Yashwanth N (A) / Mr. Suresh Kumar S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
3	18ME33	Basic Thermodynamics	Mr. Pavan Kumar K P (A) / Mr. Ravikumar S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
4	18ME34	Material Science	Mr. Devaraj M R (A) / Mr. Deepak MVS (B)	CLICK	CLICK	CLICK	CLICK	CLICK
5	18ME35A	Metal cutting and forming	Mr. Niranjan Kumar V S (A)	CLICK	CLICK	CLICK	CLICK	CLICK
6	18ME35B	Metal Casting and Welding	Dr. Chethan S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
7	18ME36A	Computer Aided Machine Drawing	Mr. Rohith S (A)	CLICK	CLICK	CLICK	CLICK	CLICK
8	18ME36B	Mechanical Measurements and Metrology	Mr. Ramanuja C M (B)	CLICK	CLICK	CLICK	CLICK	CLICK
9	18MEL37A	Material Testing Lab	Mr. Yathisha N & Mr. Karthik Kumar M	CLICK	CLICK	CLICK	CLICK	CLICK
10	18MEL37B	Mechanical Measurements and Metrology lab	Dr. Chethan S	CLICK	CLICK	CLICK	CLICK	CLICK
11	18MEL38A	Workshop and Machine Shop Practice (Consists of Fitting, and Machining)	Mr Niranjan Kumar V S & Mr. Thej Kumar J	CLICK	CLICK	CLICK	CLICK	CLICK
12	18MEL38B	Foundry, Forging and Welding lab	Mr. Devaraj MR & Mr. Niranjan Kumar V S	CLICK	CLICK	CLICK	CLICK	CLICK
14	18CPC39	Constitution of India, Professional Ethics and Cyber Law	Mr. Chandrashekar C (A & B)	CLICK	CLICK	CLICK	CLICK	CLICK

Department of Mechanical Engineering

5th-SEMESTER COURSES								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18ME51	Management and Economics	Mr. Ramanuja C M (A) / Mr. Niranjan Kumar V S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
2	18ME52	Design of Machine Elements I	Dr. Srinivasa K (A) / Mr. Rohith S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
3	18ME53	Dynamics of Machines	Mr. Suresh Kumar S (A) / Mr. Yathisha N (B)	CLICK	CLICK	CLICK	CLICK	CLICK
4	18ME54	Turbo Machines	Dr. M S Govinde Gowda (A) / Mr. Raghu (B)	CLICK	CLICK	CLICK	CLICK	CLICK
5	18ME55	Fluid Power Engineering	Mr. Raghu (A) / Mr. Pavan Kumar K P (B)	CLICK	CLICK	CLICK	CLICK	CLICK
6	18ME56	Operations Management	Dr. Chethan S (A) / Dr. Rathnakar G (B)	CLICK	CLICK	CLICK	CLICK	CLICK
7	18MEL57	Fluid Mechanics/Machines lab	Mr. Ravi Kumar S / Mr. Pavan Kumar K P / Dr. Manjunath H S / Mr. Yashwanth N / Mr. Niranjan Kumar V S / Mr. Raghu / Dr. Chethan S	CLICK	CLICK	CLICK	CLICK	CLICK
8	18MEL58	Energy Conversion Lab	Mr. Pavan Kumar K P / Mr. Raghu / Mr. Suresh Kumar S / Mr. Ravi Kumar S / Dr. MD Nadeem M	CLICK	CLICK	CLICK	CLICK	CLICK
9	18CIV59	Environmental Studies		CLICK	CLICK	CLICK	CLICK	CLICK

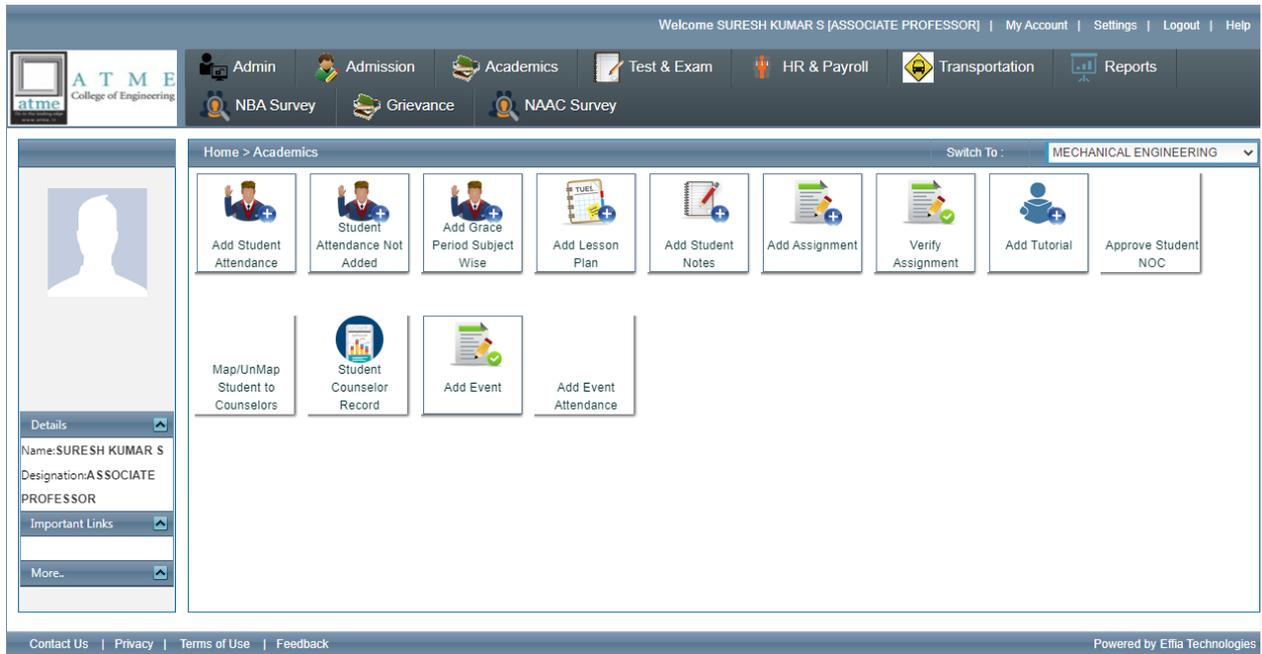
7th-SEMESTER COURSES								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	17ME71	Energy Engineering	Dr. Manjunath H S (A) / Mr. Ravikumar S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
2	17ME72	Fluid Power Systems	Mr. Yashwanth N (A) / Mr. Karthik Kumar M (B)	CLICK	CLICK	CLICK	CLICK	CLICK
3	17ME73	Control Engineering	Mr. Swarnakiran S (A & B)	CLICK	CLICK	CLICK	CLICK	CLICK
4	17ME742	Tribology	Mr. Yathisha N (A) / Dr. Md. Nadeem M (B)	CLICK	CLICK	CLICK	CLICK	CLICK
5	17ME753	Mechatronics	Mr. Karthik Kumar M (A) / Dr. Manjunath H S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
6	17MEL76	Design Lab	Mr. Swarnakiran S / Mr. Karthik Kumar M / Dr. Manjunath H S / Mr. Yathisha N/Rohith S	CLICK	CLICK	CLICK	CLICK	CLICK
7	17MEL77	CIM Lab	Mr. Yashwanth N / Dr. Mohanakumara K C / Dr. MD Nadeem M / Mr. Ramanuja C M	CLICK	CLICK	CLICK	CLICK	CLICK



HOD

Student Learning Resources College Enterprise Resource Planning (CERP)

1. Notes and PPT
2. CERP Link : <https://eerp.effia.co.in/WebForms/Academics/AcademicsHome.aspx>
3. Note: Credentials is required for Login



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[Add Grace Period Subject Wise](#)
[Add Lesson Plan](#)
[Add Student Notes](#)
[Add Assignment](#)
[Verify Assignment](#)
[Add Tutorial](#)
[Approve Student NOC](#)

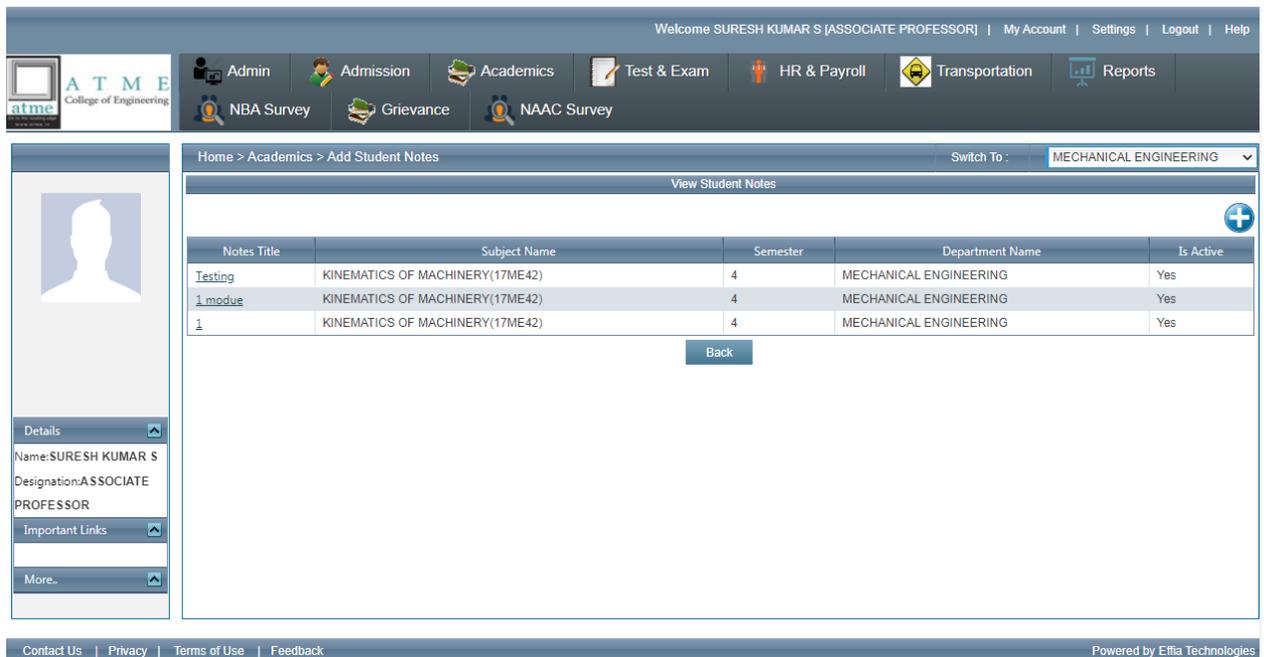
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View Student Notes

Notes Title	Subject Name	Semester	Department Name	Is Active
Testing	KINEMATICS OF MACHINERY(17ME42)	4	MECHANICAL ENGINEERING	Yes
1 module	KINEMATICS OF MACHINERY(17ME42)	4	MECHANICAL ENGINEERING	Yes
1	KINEMATICS OF MACHINERY(17ME42)	4	MECHANICAL ENGINEERING	Yes

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Problem Solving

Flipped Classroom:

To enrich the learning ability and problem solving ability preface of the topic to be Delivered is sent to students through College Enterprise Resource Planning (CERP).

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Email Details Report

Role	Subject	EmailDate	Recipients
STUDENT	To attend classes	30-07-2019 00:00:00	38
STUDENT	skS-17me52-Email-2	01-08-2019 00:00:00	38
STUDENT	SKS-3-17ME52	05-08-2019 00:00:00	38
STUDENT	SKS-4 unit test	31-08-2019 00:00:00	54
STUDENT	SKS-1	01-10-2019 00:00:00	42
STUDENT	SKS-5	01-10-2019 00:00:00	45
STUDENT	SKS-2	04-10-2019 00:00:00	42
STUDENT	SKS 8	14-10-2019 00:00:00	45
STUDENT	SKS-17ME61-1	10-02-2020 00:00:00	46
STUDENT	SKS-18ME44-1	10-02-2020 00:00:00	37
STUDENT	SKS-17ME61-2	11-02-2020 00:00:00	46
STUDENT	SKS-2	11-02-2020 00:00:00	83
STUDENT	SKS17ME61-5	20-02-2020 00:00:00	46
STUDENT	Class Regarding	01-04-2020 00:00:00	37

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NBA Survey Grievance NAAC Survey

Home > Reports > Email Details Report Switch To : MECHANICAL ENGINEERING

Email Details Report

Email Subject and Body Details

EmailSubject	Email Body
skS-17me52-Email-2	Dear students, Tomorrow i will teach Static force analysis of single slider mechanism. Attend class without fail.

Email Recipients Details



HOD

Participatory Learning

1. Technical Fest competitions
2. Industrial Visit to get insight into working structure of industries
3. Technical Hobby Club Activity
4. Paper Presentation
5. Co-curricular & Extra-Curricular activities.
6. Webinar series

Technical Fest competitions

Technical Fest under Mechanical Department Association is conducted for the students for participatory Learning and provide opportunity to exhibit skills.

Technical Fest “MECHTRIX – 2K19” on 13 and 14th November, 2019.

Inaugural function was conducted in department seminar hall, chief guest was Dr. Basavaraj L Honorable Principal, Dr. Rathnakar G HOD, Dept. staff and also students participants in Engineering and PUC category.

Events organized are Light Camera Action, No talkies event, in this event candidates were given a topic, Truss – Stress, conducted Quiz , Poster presentation, Treasure hunt and Water Bottle Rocket. The final top 3 winners in all category are awarded by prizes.



Inauguration Function



Students Participation



Sketch competition



HOD

Industrial Visit to get insight into working structure of industries

Industrial Visit

Students are taken to various Industries to provide exposure on production activities, machining process, manufacturing process and casting process.

a. Few of the Field Visits by our students are as follows:

Sl. No.	Industry	Semester	Date	Duration
1	BEML Company, Mysore	5 th	17 th August 2019	1 day
2	TVS Motor Company Ltd. Kadakola, Nanjanagudu	5 th	24 th August 2019	1 day
3	RANE (Madras) Ltd. Mysore Division	3 rd	31 st August 2019	1 day
4	Training Centre (GTTC) Mysuru Division	3 rd	18th Sept. 2019	1 day
5	Nestle India Ltd. Nanjanagudu, Mysuru Division	3 rd	28th Setp. 2019	1 day



HOD

1. **BEML-** 5th Semester B section students visited the BEML Company on 17th August 2019 Saturday. Briefed the students about the importance of industrial visits and its benefits at the BEML training centre. The Asst. General Manager for Training R. Brahmachary addressed the students about discipline and attitude one should have to work as individual and, in a team, as well while he was briefing about the production activities that are taking place at BEML Mysuru and other divisions.



BEML Industrial Visit

Department of Mechanical Engineering

2. TVS Motor Company Ltd.- 5th semester A section students visited the TVS Motor Company Ltd. on 24th August 2019. This company located at the outskirts of Mysuru near Nanjanagudu manufacturing two-wheeler motor bike and scooter. TVS Apache and scooty pep+ vehicles are manufactured in this Mysuru division.



TVS Industrial Visit

3. RANE (Madras) Ltd. Mysore Division- **3rd semester students** of mechanical engineering are visited the **RANE (Madras) Ltd. Mysore division on 31st August 2019 Saturday**. Mysore plant has steering and linkage division, Die casting division and Hydraulic division. Steering Gear Box assembly and Ball Joint assembly are being done here.



Rane Industrial Visit

Department of Mechanical Engineering

4. Govt. Tool Room and Training Centre (GTTC) Mysuru Division-Visit to Training center was arranged for 3rd semester “A” section students. It was coordinated by faculty members Mr. Devaraj M R and Mr. Yashwanth N on 18th Sept.2019 This training center undertaking by govt. of Karnataka. This organization well known to the production of Press tools, Injection moulds, Die Casting Dies and other precision tools. This Tool Room also has customers like ISRO, BEML, GTRE, L&T Wipro etc, for their precision components



5. Nestle India Ltd. Nanjanagudu, Mysuru Division - This visit was arranged for lateral entry students of Mechanical Engineering and a few from 3rd Sem ‘A’ section students guided by Mr. Devaraj M R and Mr. Yashwanth N on 28th Setp.2019 . Nestle India Ltd. is one of the oldest industries set up in India. It’s got a 150-year-old history. It is the leading brands in Food and Nutrition Products. Mr. Henry Nestle is the founder of this great company, the first product that Mr. Henry produced under nestle was condensed milk.



Nestle India Ltd. Industrial Visit

Technical Hobby Club Activity

Department of Mechanical Engineering encourages students through various activities under Innovation Club.

Innovation Club started in the year 2016 by Dept. of Mechanical Engineering, ATME College of Engineering with Core objectives of bringing Grassroots of Innovation and to identify, collect and Implement Innovative ideas among students and Faculties.

Club Activity 2019-2020

Present academic year got recognition from MHRD, Govt. of India by establishing and registering with Institution Innovation Council (IIC).



Figure: Institution Innovation Council (IIC) Certificate.

Events Conducted and Attended under Innovation Council

Sl. No.	Particulars	Date
1	“Logic behind Magic”	9-10-2019
2	ATME Science Fiesta	20-12-2019
3	“Readiness for Core Engineering Jobs”	19-02-2020

1. A Report on “Logic behind Magic”:

To create scientific knowledge among students, the event “Logic Behind Magic” was organised by pre-final year students of Mechanical engineering students in association with Innovation Club.

Event was evident by Dr. Rathnakar G, HoD, Dept. of Mechanical Engg., Staffs and students of ATMECE. Event was presented by Mr. Vrushank M, Student Coordinator of Innovation club and exposed some of tricks followed by magicians and blind beliefs of rural peoples.



Activities conducted by students

2. A Report on ATME Science Fiesta:

ATME Science Fiesta 2019 was organised by Basic Science Dept. in Association with “Innovation club” on 20-12-2019. The objective of the program is to create awareness and Exposure of Engineering Sciences to regional Pre-university Students. Around 578 students participated in the events from the cities in and around Mysuru. The participating students are rewarded with cash prize and certificate.

The events planned for are:

1. Science Quiz



2. Technical Project



3. Pencil sketch



4. Spot Photography



5. Essay Writing



6. Poster Presentation.



3. A Report on Guest Lecture on “Readiness for Core Engineering Jobs”.

The event was organized on 19-02-2020, the talk was delivered by Mr. Rushabh Rathode and Mr. Varun, Career Counsellors, Industry Oriented Engineering and Solutions company. The event was inaugurated by Dr. Rathnakar G, HoD, Dept. of Mechanical Engg.

The event aimed to meet objectives of:

- Present Situation in Engineering Industry.
- Factors Driving Engineering Industry
- How to apply Engineering concepts to real-world problems
- Importance of future engineering materials
- Expectations of Core Engineering Companies from Fresher’s.

The key speakers quoted they are aiming to reduce gap between Industry and Academia, by involving students in industry oriented projects and to provide real time projects for the students registered under their institution.



Guest Lecture

Department of Mechanical Engineering



Guest Lecture



HOD

Paper Presentation

USN	Name
4AD16ME037	Mayur Krishna



INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)

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P-ISSN: 2395-0072

International Conference on Recent Trends in Science & Technology-2020 (ICRTST - 2020)

Organised by: ATME College of Engineering, Mysuru, INDIA

AUTOMATED SCUM REMOVAL MACHINE IN JAGGERY PRODUCTION

Mayur Krishna¹, Mithin T R², Manu G T³, Nischay M M⁴

¹⁻⁴Final year student of Department of Mechanical Engineering, ATME College of Engineering, Mysuru, Karnataka, India.

Abstract— Automated Scum Removal Machine is used to remove Scum produced during the production of Jaggery. The Scum Removal is done by manual method in our country. The aim of this project is to develop Automated Scum Removal Machine. The Scum removal machine can be adopted in medium and large- sized jaggery production industry. This machine makes the process simple, easy and fast. It eases human effort and no requirement of skilled workers to operate the machine. The Automated Scum removal machine consists of the following parts Base, stand, motor and Collector. The stand is mounted on the base and bevel gear. The rotation of the arm is controlled by the Bluetooth device and rotates up to 180°. Rising and lowering movement of the arm is controlled by Bluetooth device. Low speed motor is mounted on another end of the arm, which is used to rotate the scum collector and is controlled by wireless control equipment. Scum which is collected in the collector is lifted by raising the arm. Hence, the pure form of juice can be obtained from the above process. There is no availability of Automated Scum removal machine.

Keywords- Automated Scum Removal, Bevel gear, arm, Motor, collector, wireless control equipment.



HOD

USN	Name
4AD16ME040	MOHAMMED UR RAHMAN FARAAZ



INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)
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International Conference on Recent Trends in Science & Technology-2020 (ICRTST - 2020)

Organised by: ATME College of Engineering, Mysuru, INDIA

Low Cost IoT based EV Charging Station with Power Bank Vending Mechanism

Mohammed Shuaib Khan¹, Mohammed Yousuf Khan², Mohammed Faraaz Ur Rahman³,
Shahbaz Pasha⁴

¹⁻⁴Mechanical Engineering, ATME College of Engineering, Mysore, India

Abstract — As the CO₂ level in the earth's atmosphere is increasing, it is causing major problems such as increase in surface temperature of earth which is resulting in global warming and climate change. To reduce CO₂ emissions and to avoid petroleum products in transportation sector whose demand and price are increasing day by day, all the countries around the world are shifting towards Electric Vehicles and Hybrid Vehicles, The transition from IC Engine Vehicles to Electric Vehicles is not that easy there are some barriers which every country has to overcome. One of the major barrier is availability of charging infrastructure for EV's and the cost for charging stations is huge, to reduce the cost and to promote Electric Vehicles in India, this project titled "Low Cost IoT Based EV Charging Station with Power Bank Vending Mechanism" is proposed to provide charging facility to EV users at an economical cost. It also has power bank vending mechanism which provides power bank rentals for mobile phone users at public places, which can boost the business of station owner by providing more profits. It designed in such a way that it uses solar power to power up the microcontroller, sensors, servos, and other electronic components. It can be operated through smartphone app and payments can be done through the app itself or person can pay manually by inserting the coin into the coin acceptor. This project can help to provide charging facility at an economical cost by using real-time Database and IoT Technology.

Keywords: EV Charging, Mobile communication system, Climate change, IoT, Smart Vending Mechanisms, Authentication, Web-based services, Payment schemes.



HOD

Co-curricular & Extra-Curricular activities

Social Development Activities

Swachh Bharat Abhiyaan-Mellahalli

As part of the “Swachh Bharat Mission” initiated by Government of India, students of 7th Semester Electrical & Electronics Engineering, ATME College of Engineering had organized and participated in “Swachh Bharat Abhiyaan & awareness program” in Mellahalli grama, Harohalli post, Varuna Hobli, Mysuru



Swachh Bharat Abhiyaan-Mellahalli



Swachh Bharat Abhiyaan-Mellahalli

Blood Donation Camp

Faculty members and students donating blood as part of NSS Red cross.



Blood Donation Camp

Pic: Management of ATMECE honoured members of Chayadevi Anathashrama Trust, Ashadayaka



26/04/2019 page-5 - CityToday - CityToday Mysore - Epaper | Read Online | Online News - CityToday Mysore - Epaper | Read Online | Online N...

Annual cultural fest 'ATMEYA 2K19' at ATMECE

MYSURU

A two-day annual cultural fest 'ATMEYA 2K19' with the theme "Awake Arise Adopt Orphans" will be held at ATME College of Engineering here from 5 pm onwards today.

Subhash B Adli, honourable justice, former Upalokayukta will be the chief guest. Cine actor, model and singer Nimika Ratnakar, will



be the guest of honour. Actors Sanchari Vijay and Dhanveer, actor-model Payal Radhakrishna will be the special

invitees to the event.

Arun Kumar L, chairman, ATME College of Engineering will preside over the function.

Shivashankar K, Secretary, ATME College of Engineering, Veeresh R, Treasurer, Venkatesh H, Trustee, Parthasarathy L, cultural committee Chairman, Dr Basavraj L, Principal will grace the occasion.

On April 26, the inauguration of cultural fest will be followed by novelty distribution to orphans, band performance by ATMECE students and inter-collegiate fashion show.

Later in the evening there will be a special performance by DJ Ali.

On April 27, inter-collegiate dance event will be held

followed by voice of ATMEYA, dance show by ATMECE, promotion of movie "Melobba Mayavi" by Sanchari Vijay and team and novelty distribution to orphans. Dhanveer, cine actor, Sandalwood will be the special invitee to the event.

Live concert by Supriya Lohith and Team as a special event will be held from 8 pm to 9.30 pm. ...

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Seva Trust & Sri Sumangali Seva Ashram and handed over charity cheques totaling Rs.100000/- on 26th April 2019 for Novelty distribution to orphans.

HOD

Problem-solving methods

1. Technical Seminar presentation on concurrent topics
2. Virtual lab
3. Project Proposal Submission
4. Aptitude Verbal & Reasoning Training
5. Technical Quiz
6. Student Response System

Technical Seminar presentation on concurrent topics

Department of Mechanical Engineering

To enhance problem solving ability Students are encouraged to select current topics and present Technical Seminar referring IEEE/Springer Papers.

Topics list are offered to student. New topics can also be registered with seminar coordinator.

Sl. No.	Title of the seminar topic
1	Pneumatic bike
2	Performance analysis of Jet engine of aircraft
3	Power Generating Shock Absorber
4	Smart Material Applications In Aircraft
5	Recent advances in Additive Manufacturing
6	Laser Ignition System
7	Applications of Artificial Intelligence in Mechanical Engineering
8	Nano robots in heart surgery
9	Aqua Silencer
10	Non destructive testing
11	Tribology of electric vehicles
12	Bearing grease composition on friction in rolling
13	Acoustic parking system
14	Plasma assisted Milling
15	Autonomous car
16	Modern flow measuring device
17	4-D Printer
18	Thermal barrier coating on IC engines
19	Self Healing Robots
20	Air Braking Systems In Railways
21	Hyperloop Transportation System
22	Mechanical Ventilator
23	Green Manufacturing
24	4d Printing
25	Electromagnetic brakes
26	Six stroke engine
27	Non pneumatic tyre
28	ball piston engine
29	Aerodynamic design of F1 and normal cars and their effect on performace
30	Safety mechanism for SKY TRAN track
31	regenerative braknig system
32	Euro-6: Vehicle Emission Standards
33	Industrial Revolution 5.0
34	Hybrid operated Cascade Thrust Reversal
35	Adaptive Cruise Control
36	Developments in Nanostructured Cathode Materials

Department of Mechanical Engineering

37	Self inflating tyre system
38	Automobile Safety Systems
39	Braking systems in railway vehicles
40	Underwater windmill
41	Diesel particulate filter
42	Comparison of Bharath stage-4 & Bharath stage-6 engines
43	Aerodynamics of cricket ball swing
44	Development of fuel engine system
45	PRESSURE VESSEL INSPECTION
46	Boiler instrumentation and control
47	Flying wind mill
48	Paper recycling unit
49	Nitroshock Absorber
50	Car speed control using Bluetooth
51	3-D Printing
52	Rise husk Gasifier
53	Current Trends in Product Lifecycle Management
54	Design and testing methodologies of modern freight train draft gear system
55	Solar Powered Refrigeration and the Various Cooling Thermal Energy Storage
56	Conversion Of Diesel Engine To Cng Engine Of Commercial Vehicles And Emission Control
57	Hydraulic Braking & gripping factor of a Formula-1 vehicle
58	Intelligent Traffic Control System
59	Automatic Crack detection in Railway tracks
60	Shape memory Polymers
61	Design & Implementation of eco-friendly smart electric Bike
62	Energy & exergy analysis of a heliostat Plant
63	Crack detection in beam structure
64	Solar collector
65	Vehicle Electronic Stability Program Control
66	Automotive Emission Control Technologies
67	Antilock-Braking_Systems
68	Electrohydraulic Power System
69	Brain controlled car for physically challenged using artificial intelligence
70	Airless Car Tyre
71	Micromachining Technology
72	Flywheel energy storage System Technology
73	Scram Jet Engine for Hypersonic Flight
74	Multipoint fuel injection system
75	Speed detection of moving vehicle using camera
76	Intelligent Braking system
77	Biomimetic 4D printing
78	Application Of Nanofluids In Automotive Radiator
79	Night vision technology in automobiles

Department of Mechanical Engineering

80	Airless Tyres
81	Automobile Airbag Defects
82	Sensotronic Break Control System
83	Magneto Rheological Fluid Damper
84	Ceramic Disc Brake System
85	The influence of additives on the fate of plastics in the marine environment
86	Green Engine
87	Aircraft landing gear
88	Robotic surgery
89	Artificial intelligence in mechanical engineering
90	Transparent Solar Panels
91	Electromagnetic Engine
92	Automobile safety system
93	Auto pilot mode technology in vehicles
94	Design & Implementation of ON-Grid solar Tree



HOD

Webinar series for students

Department of Mechanical Engineering encourages students to participate and learn through webinars.



A T M E
College of Engineering

**Department of
Mechanical Engineering**
Accredited by NBA 2019-20 to 2021-22



National Webinar on
**Latest Technologies in Manufacturing
&
Area of Focus for Today's Engineering Students**





Date : 14th October 2020
Time :3.00 PM-4.00 PM

Resource Person : R. NANJUNDA NAIKA
Asst. General Manager
Head – Service Training Centre
M/s BEML Limited
Truck Division
Mysuru

Co-ordinators

Prof. Devaraj M R,
Assoc. Prof., Dept. Mechanical Engineering
Dr.Mohanakumara K C,
Asst. Prof., Dept. Mechanical Engineering
Prof.Niranjana Kumar V S,
Asst. Prof., Dept. Mechanical Engineering
Prof.Yashwanth N,
Asst. Prof., Dept. Mechanical Engineering

Convener
Dr. Srinivasa K
Prof. & Head
Dept. Mechanical Engg.
ATME College of Engineering

Registration
<https://forms.gle/2u8C7ctS2ab8dTsp7>
E-Certificates will be issued to those participants
who will attend the entire session and fill the
feedback form

For information please Contact:
Prof. Devaraj M R-
9972322811
Prof: Yashwanth N-
9663994514

ATME
College of Engineering

Department of Mechanical Engineering



International Webinar on- Effective Presentation Skills

Date: 1st September | Time: 2.00 pm

Resource Person:



Mr. Muralidhar Govindaswamy
Consultant
Royal KPN N.V., Wilhelminakade
Rotterdam, The Netherlands

Co-ordinators:

Prof. Devaraj M R, Asso. Prof., Dept. Mechanical Engineering	Prof.Niranjan Kumar V S, Asst. Prof., Dept. Mechanical Engineering
Dr.Mohanakumara K C, Asst. Prof., Dept. Mechanical Engineering	Prof.Yashwanth N, Asst. Prof., Dept. Mechanical Engineering

For information please contact:

Prof. Devaraj M R
9972322891

Prof: Yashwanth N
9963994514

E-Certificates will be issued to the participants those who submitted their feedback form

Registration Link: <https://forms.gle/PGSsaonX3dPooW6Z9>



“Webinar Series in Mechanical Engineering”

Date: 20th July to 24th July 2020



Mr. Yathisha N
Assistant Professor
Day 1
Topic: Introduction to Octave



Mr. Karthik Kumar M
Assistant Professor
Day 2
Topic: Value Engineering



Dr. Md. Nadeem M
Assistant Professor
Day 3
Topic: Nano Materials &
Nano Technology



Dr. Srinivasa K
Professor
Day 4
Topic: ISO Standard Quality
System



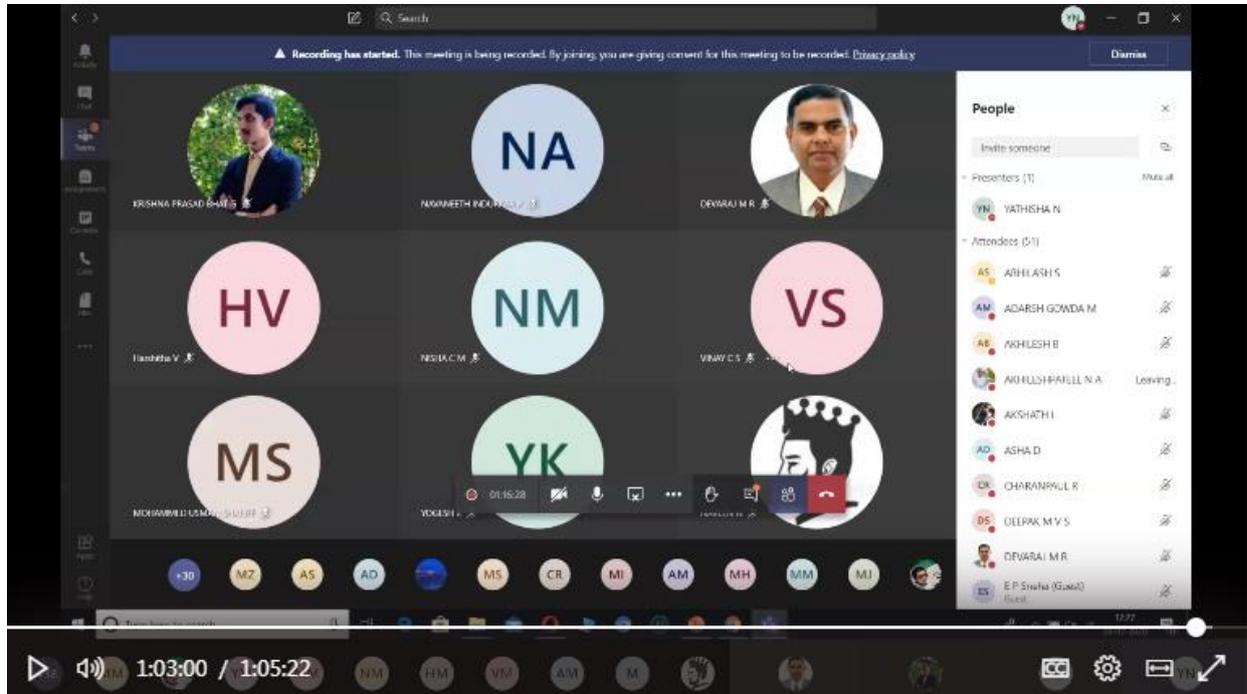
Dr. Chethan S
Assistant Professor
Day 5
Topic: Rapid Prototyping

Dr. Rathnakar G
Prof. & Head
Dept. of ME, ATMECE

Dr. L Basavaraj
Principal, ATMECE

E - Certificates Will Be Provided To The Registered Participants

For Registration: <https://forms.gle/pwuu9a8nhbyldeb8a>



Webinar series

Microsoft Stream links

- 1: <https://web.microsoftstream.com/video/648ca6bc-3b4f-4ea8-89ad-e2429743274f>
- 2: <https://web.microsoftstream.com/video/30af3751-2610-4f1c-90e6-e5ffae5d3820>
- 3: <https://web.microsoftstream.com/video/2e7d87c3-ee6f-4656-9841-daf276904233>
- 4: <https://web.microsoftstream.com/video/db246076-1ddf-493f-8718-f9ca27eb3705>
- 5: <https://web.microsoftstream.com/video/179973e8-9102-4045-9847-d4004074c671>



HOD

Virtual Lab

VIRTUAL Lab:

<p>Industrial Electric Drives Lab Industrial Automation Lab Electrical Machines (COEP) Lab Lab Electrical Machines (IITG) Lab Power Board Heater System Lab</p> <p>Under Civil Engineering Discipline</p> <p>Structural Dynamics Lab Hydraulics and Fluid Mechanics Lab Engineering Mechanics and Strength of Materials Lab Mechanics Lab Structural Analysis Lab Thermal Smart Structures and Dynamics Lab Strength of Materials Lab Welding Lab</p> <p>Under Physical Sciences</p> <p>Molecular Astrophysics Lab Molecular Interaction Lab State Physics Virtual Lab Optics Virtual Lab Modern Physics Lab</p> <p>Under Chemical Sciences</p> <p>Molecular Astrophysics Lab Molecular Interaction Lab State Physics Virtual Lab Physical Chemistry Lab Organic Chemistry Lab Solid & Surface Chemistry Lab</p> <p>Registration Details:</p> <p>Registration Fee: ₹ 100 INR</p> <p>Payment should be made towards: Principal, ATME College of Engineering Bank Name: Canara Bank Account No. 0518101054379 Branch Code: CNRB0004966 Branch: Canara Mid Corporate Branch</p>	<p>Workshop Registration Scan QR Code</p>  <p>Registration Closes on 22-10-2019</p> <p>For more information, contact: Mr. Thej Kumar J Asst. Professor, Dept of Mechanical Engg. Mobile: 9741421194 Email: thejkumar.j@atme.in</p> <p>Participating Institutes</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table> <p>ATME college of Engineering, Mysuru - Kanakapura road, Mysuru Karnataka, India- 570 028 Phone : +91-821-25 93,335 Fax : +91-821-25 93 328 www.atme.in</p>													<p>A T M E College of Engineering</p> <p>Under the aegis of Ministry of Human Resources and Development Government of India National Mission on Education Through Information and Communication Technology</p> <p>Organizing One Day Workshop on VIRTUAL LABS On 26th OCTOBER 2019 In association with</p>  <p>NIT KARNATAKA</p>  <p>www.vlab.co.in</p>
														
														
														
														



Date: 22.10.2019

CIRCULAR

A one-day work shop on **VIRTUAL LAB** on **26th October 2019** is organized in association with NIT-Karnataka, Surathkal. In this regard I request all the Head of the Departments to depute your faculty members for the workshop.

Also Identify students to attend the work shop along with two technical staffs for the afternoon session (2.00-4.30). Please find the enclosed format for the registration towards the workshop.


Principal

ECE: Jatishel
CS: Stoj-ll
CV: for Akshay B.J
EEE: for
ME: A.Pal


HOD



Project Proposal Submission

Department of Mechanical Engineering

The Department encourages students to submit Project proposals towards Funding agencies.

Few of the projects funded are as follows:

a. Karnataka State Council for Science and Technology:

One project in the year 2016-2017 awarded as the best project under KSCST.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

6. A.T.M.E. COLLEGE OF ENGINEERING, MYSURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
27.	44S_BE_2143	SMART HYDROPONICS BASED VEGETABLE CULTIVATION	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. VINOD KUMAR P Mr. SHREESHAYANA R	Mr. KIRAN KUMAR G Mr. ROHITH D Mr. RAKSHITH K N	4000.00
28.	44S_BE_2147	DESIGN AND FABRICATION OF ORGANIC FERTILIZER GRANULES MACHINE	MECHANICAL ENGINEERING	B.E.	Mr. NIRANJAN KUMAR V S	Mr. NAVEEN N Mr. RAJATH KUMAR M L Mr. S M FAROOQ QUADRI Mr. SANATH H M	8000.00
29.	44S_BE_2151	DESIGN AND FABRICATION OF PEDAL OPERATED GROUNDNUT DEHUSKING MACHINE	MECHANICAL ENGINEERING	B.E.	Dr. CHETHAN S	Mr. YATHISH KUMAR R Mr. MOHAMMED FARAZ Mr. PRASANNA KUMAR M Mr. PREETHAM K	8000.00
30.	44S_BE_2157	AN EXPERIMENTAL STUDY ON STRENGTH OF CONCRETE USING STEEL SLAG AS PARTIAL REPLACEMENT FOR FINE AGGREGATES.	CIVIL ENGINEERING	B.E.	Mr. MANU VIJAY	Mr. NAVEEN K Ms. ROOPINI N Mr. KAUSHAL B C Ms. HRUTHIK S	6000.00
31.	44S_BE_2158	SMART ROBOT FOR LIBRARY MANAGEMENT SYSTEM(SRLMS)	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. VINOD KUMAR P Dr. PARTHASARTHY L	Ms. ARPITHA R Ms. PRIYANKA PD Mr. MANOJ KN Mr. MOHAMMED SHAH FAISAL MP	4000.00
32.	44S_BE_2172	SMART CABIN USING IOT FOR PHYSICALLY CHALLENGED PEOPLE	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. PRAKASH KURVAATI Mr. GRUPRASAD K N	Mr. SYED MOHAMMED ADNAN Ms. SONALI L U Ms. POOJA M Mr. RAJASH KRISHNA R	5500.00
33.	44S_BE_2178	COVID 19 MEASURES: FACE MASK DETECTION ALONG WITH BODY TEMPERATURE DETECTION USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mrs. RASHMI K	Mr. ANIL KUMAR GADEDA GOUDAR G Ms. APOORVA R Ms. CANNY CUSHALAPPA N J Ms. DARSHINI R	5000.00
34.	44S_BE_3597	EYE MOVEMENT COMMUNICATING MEDIA FOR PARALYZED PERSON	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. PRATHIBHA M K Mrs. PAVITHRA A C	Ms. BHOMIKA G Ms. APOORVA S Ms. K GOWTHAMI Ms. SAHANA G R	4500.00

b. Proposals selected under VTU TEQIP sponsored Financial Grant.

VTU Covid-19 related Innovative ideas & research project approved for financial assistance under this Md Suhaib Khan and team developed “IoT Based Low Cost Smart Ambu-Bag Compressing Machine for Low Cost Ventilators” has been selected as best project.



Prof. A. S. Deshpande, B.E., M.Tech., Ph.D
Registrar
Ref: VTU/TEQIP 3/2019/04

Date: - 7 MAY 2020

Approval Letter

Sub: COVID 19 related Innovative Ideas and Research Project approved for Financial Assistance.

Ref: Hon'ble Vice Chancellor approval dated: 30/04/2020

We are pleased to inform you that the proposal entitled “IoT based Ambu bag Compressing Machine” has been selected for the TEQIP Innovative Ideas and Research Grant. The details are as given below.

Title of the Proposal	Name of the Proposer	Maximum Amount Approved (Rs.)
IoT based Ambu bag Compressing Machine	MD. ShuaibKhan	5500

The investigators are informed to follow the enclosed guidelines. The vendor format and undertaking is to be submitted on or before 09.05.2020. Only after submission of undertaking letter the grant will be transferred to the lead institution Principal's Account.

Also it is desirable that the additional financial support need for this project could be extended by the Management and the Institute.

For any clarifications mail to teqip@vtu.ac.in


REGISTRAR

To,
The Management and Principal
ATME College of Engineering, Mysuru.


HOD

Aptitude Verbal & Reasoning Training

Aptitude Verbal & Reasoning Training (AVR)

In house AVR Training is delivered by Faculty members to improve the analytical, problem solving ability, logical and assertive thinking amongst students.

The training is imparted for III, IV, V and VI semester students. In the final year Preplacement training is offered through external Vendor.

a. Objectives:

1. To enhance the analytical skills in students and pace of problem solving.
2. To train and impart knowledge as per industry requirements
3. To improve assertive, logical thinking skills in students.

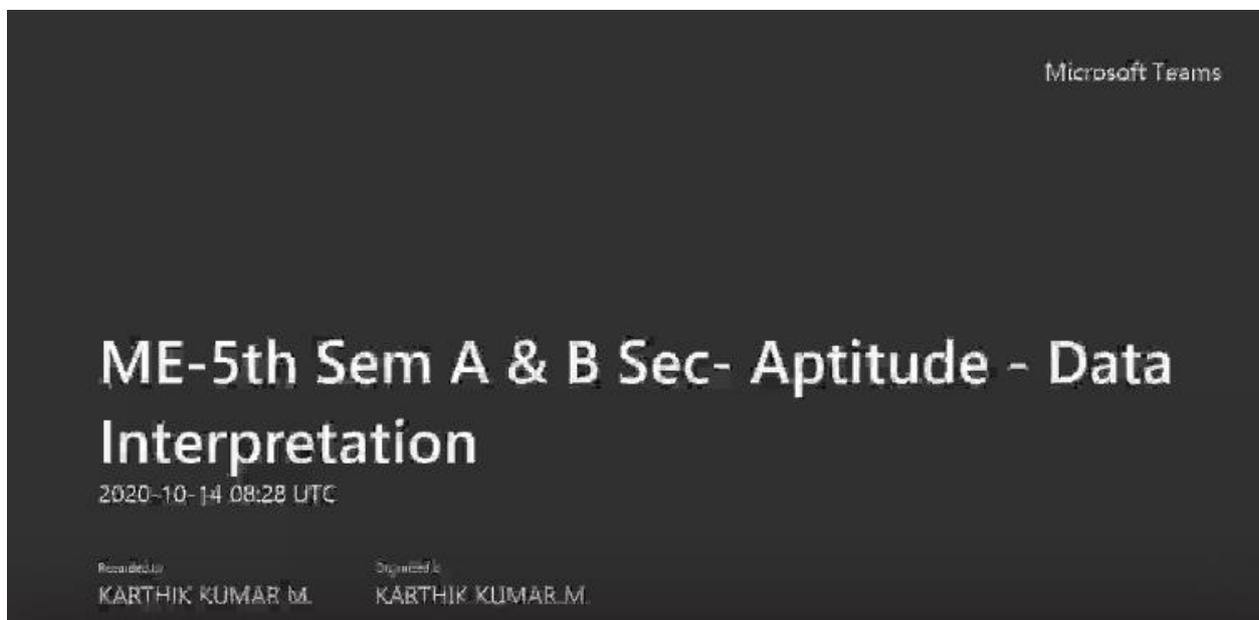
Recorded Video Link:

<http://atme.in/notice/aptitude-verbal-reasoning-training-video-links/>

<https://web.microsoftstream.com/video/ebc42b22-fd21-444a-b473-d6dc7eae573>

<https://web.microsoftstream.com/video/18aaa2f3-01e4-4d8a-bbed-c9fb09c00040>

Screenshot of Online Session Activity:





Stream

Home Discover My content Create Search

Data Interpretation questions are based on information given in tables and graphs. These questions test your ability to interpret the information presented and to select the appropriate data for answering a question.

Get a general picture of the information before reading the question. Read the given titles carefully and try to understand its nature9

Avoid lengthy calculations generally, data interpretation questions do not require to do extensive calculations and computations. Most questions simply require reading the data correctly and carefully and putting them to use directly with common sense.

Breakdown lengthy questions into smaller parts and eliminate impossible choices.

0:10:34 / 1:03:30

Screenshot of Online Session Activity

[Handwritten Signature]
HOD

Technical Quiz

Department of Mechanical Engineering

The staff members conduct Technical Quiz on subjects using various platforms like KAHOOT, Microsoft quiz and Google forms with objectives to enhance the technical skills of Students in the field of Mechanical Engineering to improve the analytical, logical and problem-solving skills in students.

ESA Quiz Gan													
Kahoot! Summary													
Rank	Player	Total Score (points)	Q1	_____ is the	Q2	Temperat ure compens	Q3	An Ideal Strain Gauge	Q4	Impedanc e Matching	Q5	For completel y defining	Q6
1	MAYUR_K RISHNA	10839	962	A.Least Count	1081	True	1167	All the above	1279	False	1374	3	1463
2	Krishnapr asadsg	10243	942	A.Least Count	0	False	940	All the above	1050	False	1162	3	1068
3	MD FARAAZ	10240	971	A.Least Count	1082	True	1142	All the above	1276	False	1366	3	0
4	Amruth kumar	9198	843	A.Least Count	1044	True	1120	All the above	1256	False	0	2	770
5	Nithin gowda C	8826	850	A.Least Count	1050	True	1150	All the above	1275	False	1375	3	0
6	abutallah	8549	984	A.Least Count	1059	True	1135	All the above	0	True	967	3	1026

Link: <https://drive.google.com/drive/folders/11deKEYAnm0tjipqI0uS8Ly0DdP6CdF5p>



 HOD

Student Response System

Problem Solving

To improve the problem solving ability of the students, student response system is used through I cloud system. Depending on the complexity of the questions, time is set and Response is logged through polling.

Sample Response screenshot is shown below:

Results Detail													Total Points	Score
Device ID	Student name	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10			
Answer Key		A	D	C	C	A	C	C	A	D	B	10.00	100.00%	
4AD18ME020	LEELENDRA KUMAR H	A	D	C	C	A	A	B	A	D	B	8.00	80.00%	
4AD19ME400	ABDUL KHAYAM ALI	A	D	C	C	B	C	C	A	C	A	7.00	70.00%	
4AD19ME401	ABHISHEK J K	A	D	C	D	A	C	C	A	C	A	7.00	70.00%	
4AD19ME402	ABHISHEK M U	A	D	A	C	A	A	C	A	A	B	7.00	70.00%	
4AD19ME403	ABHISHEKGOWDA C A	A	A	C	C	A	A	C	A	D	B	8.00	80.00%	
4AD19ME404	AKSHATH L	B	D	C	C	A	A	C	A	D	B	7.00	80.00%	
4AD19ME407	ARUNA A	A	A	D	C	A	A	C	A	D	B	7.00	70.00%	
4AD19ME408	ASHLESH KUMAR M	A	D	C	C	A	C	C	A	D	B	8.00	80.00%	
4AD19ME409	AVINASH P	A	C	C	C	A	C	B	A	D	A	7.00	70.00%	
4AD19ME410	BHARATH S M	A	A	A	C	A	C	C	A	C	B	7.00	70.00%	
4AD19ME411	CHANDAN G Y	A	B	A	C	A	C	C	A	A	B	7.00	70.00%	
4AD19ME412	CHANDAN M	A	D	B	C	A	C	C	A	D	A	8.00	80.00%	
4AD19ME413	CHANDAN N	A	B	A	C	A	C	C	A	A	A	6.00	60.00%	
4AD19ME414	CHANDRASHEKAR M	A	-	B	C	A	C	C	A	A	A	6.00	60.00%	
4AD19ME415	CHEZHAN S	A	A	B	C	A	C	C	A	A	A	6.00	60.00%	
4AD19ME416	DHANANJAYAKUMARA D R	A	A	C	C	B	C	C	A	D	B	8.00	80.00%	
4AD19ME417	FAZIL AHMED	A	A	A	C	A	C	C	A	D	D	7.00	70.00%	
4AD19ME418	GAJENDRA T S	C	B	C	C	A	C	B	A	B	B	7.00	70.00%	
4AD19ME419	GOVINDARAJU V	A	A	A	C	B	A	C	A	D	B	8.00	80.00%	

10/16/2019

Session Name: Current Session

Date Created: 10/16/2019 10:20:32 AM

Active Participants: 57 of 57

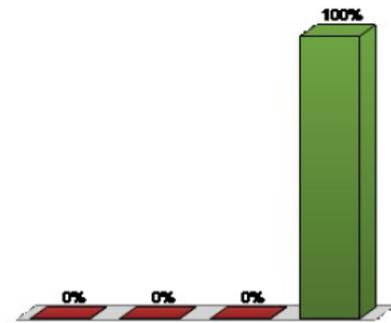
Average Score: 67.54%

Questions: 20

Results by Question

1. 1) Fluid Power deals with (Multiple Choice)

	Responses	
	Percent	Count
Generation of Power	0%	0
Control of Power	0%	0
Transmission of Power	0%	0
All of the above (c)	100%	57
Totals	100%	57



[Handwritten Signature]

HOD