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

Internship to understand corporate learning environment

Department of Electrical and Electronics Engineering

Experiential Learning

a. Internship

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

Academic Year:2019-2020

Sl. No.	USN	Name	Company	Domain
1	4AD13EE042	YASWANTH N	CISCO	CCNE
2	4AD15EE019	MONICA R	CISCO	CCNE
3	4AD15EE025	PREETHI JESWITA	Tequed Labs	IOT
4	4AD15EE030	SHARADH S	Tequed Labs	IOT
5	4AD15EE032	SHASHIKIRAN B	MAGNATECH	Production and Design
6	4AD15EE033	SHAZIM SHARIEFF	ABHIYAANTRIX	IOT
7	4AD15EE035	SIDDHARTHA H S	Tequed Labs	IOT
8	4AD16EE002	AKHILA SHARMA M D	CISCO	CCNE
9	4AD16EE003	AMRUTHESH H K	Tequed Labs	IOT
10	4AD16EE004	AMRUTHA S	CISCO	CCNE
11	4AD16EE005	ASHWINI M N	Tequed Labs	IOT
12	4AD16EE006	BHAVYA G	CISCO	CCNE
13	4AD16EE007	CAROL SUSAN ANIL	CISCO	CCNE
14	4AD16EE008	CHANDAN V	Tequed Labs	IOT
15	4AD16EE009	DARSHAN KUMAR S	Tequed Labs	IOT
16	4AD16EE010	FALKIYA TAHAREEM	CISCO	CCNE
17	4AD16EE011	G A SAMRA KHANUM	CISCO	CCNE
18	4AD16EE012	HARSHAN M	INFOMECHATRON Technology Private Ltd.	PCB DESIGN
19	4AD16EE013	HARSHITHA S	CISCO	CCNE
20	4AD16EE015	JAYAKUMAR B	IETE	IOT
21	4AD16EE016	KARTHIK H R	IETE	IOT
22	4AD16EE018	MAHADEVAPRASAD C K	IETE	IOT
23	4AD16EE020	MAMATHA	Tequed Labs	IOT
24	4AD16EE021	MOHAMED IMADUDDIN	CISCO	CCNE
25	4AD16EE022	MOHAMED ASSIM	CISCO	CCNE
26	4AD16EE023	MOHIT R	Tequed Labs	IOT
27	4AD16EE024	MUZAMMIL AHMED	Tequed Labs	IOT
28	4AD16EE025	NIKHIL P N	CISCO	CCNE

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

Department of Electrical and Electronics Engineering

29	4AD16EE026	NIKITHA M E	CISCO	CCNE
30	4AD16EE027	PALLAVI K R	Tequed Labs	IOT
31	4AD16EE028	POOJA H	Tequed Labs	IOT
32	4AD16EE029	POOJA K R	Tequed Labs	IOT
33	4AD16EE030	POORNACHANDRASAGAR N	Tequed Labs	IOT
34	4AD16EE031	PRASAD M S	CONTRIVOR	IOT
35	4AD16EE032	PRASHANTH B	Tequed Labs	IOT
36	4AD16EE033	RACHANA Y L	Tequed Labs	IOT
37	4AD16EE035	RAKSHITHA S	Tequed Labs	IOT
38	4AD16EE037	SAGAR S D	CISCO	CCNE
39	4AD16EE038	SANDHYA R	Tequed Labs	IOT
40	4AD16EE039	SANGEETHA A C	Tequed Labs	IOT
41	4AD16EE040	SANGEETHA B	CISCO	CCNE
42	4AD16EE041	SHASHANK S	CISCO	CCNE
43	4AD16EE042	SHOBHITHA S N	CISCO	CCNE
44	4AD16EE043	SHREENIDHI M	IETE	IOT
45	4AD16EE044	SHWETHA B V	CISCO	CCNE
46	4AD16EE045	SOUNDARYA B T	CISCO	CCNE
47	4AD16EE046	SRINIDHI D S	Tequed Labs	IOT
48	4AD16EE047	SUHAS H S	ABC	Python
49	4AD16EE049	SUPRITHA T B	CISCO	CCNE
50	4AD16EE051	VIKRAM Y	CISCO	CCNE
51	4AD16EE052	YASHWANTH N	CISCO	CCNE
52	4AD16EE053	YASHWANTH RAJU R	Tequed Labs	IOT
53	4AD16EE054	YASHWANTH KUMAR H S	Tequed Labs	IOT
54	4AD16EE405	MSDHUSUDHAN V	INFOMECHATRON Technology Private Ltd.	PCB DESIGN
55	4AD16EE408	MOHAMED ATHEEQ	Tequed Labs	IOT
56	4AD16EE410	NIHAR AHMED	Tequed Labs	IOT
57	4AD16EE412	PARAMESHA H N	Tequed Labs	IOT
58	4AD16EE414	PRUTHVIRAJ N	Tequed Labs	IOT
59	4AD16EE420	SHARANAPPA	Tequed Labs	IOT
60	4AD16EE421	SHARATH SUBRHAMANYA M K	Tequed Labs	IOT
61	4AD16EE423	TARUN R	Tequed Labs	IOT
62	4AD17EE402	MANJUNATHA H S	Tequed Labs	IOT
63	4AD17EE403	MOHAMMED TOUFEEQH M R	CISCO	CCNE

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

64	4AD17EE404	MONASHREE B K	CISCO	CCNE
65	4AD17EE405	NISARGA G M	Tequed Labs	IOT
66	4AD17EE406	NUTHAN GOWDA B L	Tequed Labs	IOT
67	4AD17EE407	PALLAVI R	Tequed Labs	IOT
68	4AD17EE408	SHARATH K R	Tequed Labs	IOT
69	4AD17EE409	SHEETAL U BOODIHAL	Tequed Labs	IOT
70	4AD17EE411	SOWPARNIKA H R	CISCO	CCNE
71	4AD17EE412	TEJASWI H S	CISCO	CCNE
72	4AD17EE413	VISHAL G MIRJI	Tequed Labs	IOT

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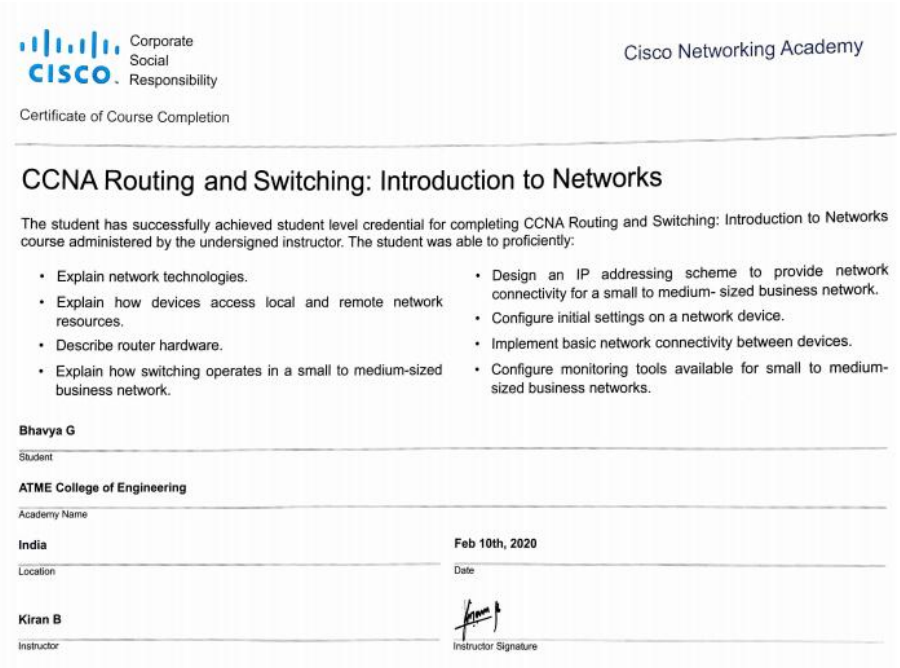
ATME College of Engineering, Mysuru

b. Sample Internship Certificate

Few of the sample certificate is as follows:

4AD16EE006	BHAVYA G



Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

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.

Bhavya G
Student

ATME College of Engineering
Academy Name

India
Location

Feb 10th, 2020
Date

Kiran B
Instructor

Instructor Signature

Department of Electrical and Electronics Engineering

4AD16EE423	TARUN R

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No 10 Anjaneya Nagar Banashankari 3rd Stage Bangalore 85

CERTIFICATE OF INTERNSHIP

This is to certify that

TARUN R

from

ATME COLLEGE OF ENGINEERING

has successfully completed one month of internship on

INTERNET OF THINGS

from **10th July to 10th August 2019 at Tequed Labs, Bangalore.**

CEO
Tequed Labs

Director
Tequed Labs

Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering

Department of Electrical and Electronics Engineering

4AD16EE043	SHREENIDHI M

AIMIT
ADITHYA INSTITUTE OF MANAGEMENT & INFORMATION TECHNOLOGY
ISO 9001:2008(QMS) certified
ATC of C-DAC Gist PACE, PUNE
905/4, 4th main, 1st cross, Vidyaranyapuram, Mysore-570008,
Ph:-0821-2485510, Mob. 9448011009 ,email:-adithyacomputers@gmail.com

TO WHOM SO EVER CONCERN

INTERNSHIP CERTIFICATE

This is to certify that **Mr.SHREENIDHI M** bearing **USN – 4AD16EE043**, a student of ATME College of Engineering, Mysore, has Successfully completed his4 weeks of internship on IoT technology in our Organization "AIMIT"-Adithya Institute of Management & Information Technology an authorized training center of **C-DAC GIST PACE[A Scientific society of Ministry of Information Technology, Government of India, Pune],** from 16th **July 2019** to 16th **August 2019**.

He is a fast learner and has understood the concepts of IoT. He is hard working and was very punctual & dedicated during his internship period.

Wishing him all the very best for a bright and successful career.

Prof.M J Sampath Kumar
Chairman
IETE, Mysuru

Smt.K.A.Anitha Venkatesh
BE,PGDMCA,M.TECH[IT],MISTE,MIE,MCSI
Principal & CMD, AIMIT

AIMIT
905/4, 4th Main, 1st Cross,
Vidyaranyapuram, Mysore-570008
Ph: 0821-2485510
Mob 9448011009, 9483275988

Date: 23/11/2019
Place: Mysore

Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering

Department of Electrical and Electronics Engineering

Sample Report

4AD16EE421	SHARATH SUBRHAMANYA M K

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI

"Internship/Professional Practice on Internet of Things"

Submitted for partial fulfillment of the requirement for the award of the degree
Of
Bachelor of Engineering
In
Electrical and Electronics Engineering

Submitted by

Name	USN
SharathSubrhamanya M K	**4AD16EE421**

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

ATME College of Engineering

Department of Electrical and Electronics Engineering
ATME COLLEGE OF ENGINEERING
13 KM STONE, MYSURU KANAKAPURA BENGALURU ROAD, MYSURU-570028
2019-2020

Internal Guide

ABSTRACT

Internet of Things (IoT) plays the role of an expert's technical tool by empowering physical resources into smart entities through existing network infrastructures. Its prime focus is to provide smart and seamless services at the user end without any interruption. The IoT paradigm is aimed at formulating a complex information system with the combination of sensor data acquisition, efficient data exchange through networking, machine learning, artificial intelligence, big data, and clouds. Conversely, collecting information and maintaining the confidentiality of an independent entity, and then running together with privacy and security provision in IoT is the main concerning issue.

Thus, new challenges of using and advancing existing technologies, such as new applications and using policies, cloud computing, smart vehicular system, protective protocols, analytics tools for IoT-generated data, communication protocols, etc., deserve further investigation. This Special Issue reviews the latest contributions of IoT application frameworks and the advancement of their supporting technology.

It is extremely imperative for academic and industrial stakeholders to propagate solutions that can leverage the opportunities and minimize the challenges in terms of using this state-of-the-art technological development.

Keywords: IoT, Smart Environment; Security, Surveillance.

Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering

1. Introduction

1.1 Introduction of Training Organisation

Tequed labs, established in the year 2018. Tequed Labs is a research and development centre and educational institute based in Bangalore started by Mr Aditya S K and Mr Supreeth Y S. To providing quality education on latest technologies and develop products which are of great need to the society.

They also involve distribution and sales of latest electronic innovation products developed all over the globe to our customers. They run a project consultancy where they undertake various projects from wide range of companies and assist them technically and build products and provide services to them. They are continuously involved in research about futuristic technologies and finding ways to simplify them for students.

1.2 Importance of Internship

To ensure technology is in its development stage but we are already seeing various applications of IoT in every sector be it to travel and transportation, retail, medical, health and personal care, agriculture. Home automation, smart buildings, google glasses, cloud computing etc. are the prime example of IoT application which is actually making every possible device with internet connection, smart.

The growing importance and advancement of IoT is giving big companies run for their money as more than 40% companies are claiming the beneficial application of IoT and the number will be increased to 72% in next five years. Considerable investment can make the revolutionary changes in each and every sector you can possibly imagine [4].

The skills develop the knowledge on Teamwork, Business Intelligence, Information Security Hardware interfacing, IP Networking and Automat

Fig1.1: Internship benefits

Internships helps in learning beyond classroom teaching and is the initiation of the development of individual portfolio. The skill specific training also helps in the outcome based education and builds a platform to get an ideal job after the completion of course.

The Internet of Things (IoT) is a term used to describe the continually growing network of internet connected electronic devices that are in operation around the world today. These devices often share data and information in order to provide added convenience and control to consumers and, in some cases, even allow users automate simple processes such as ordering supplies. Tens of billions of these IoT connected devices already exist around the world and this number will only grow as internet connectivity begins to become a standard feature for a great number of electronics devices. [5]

Although heavily integrated into the consumer electronics market, IoT extends far beyond handheld devices and home appliances; IoT subsystems such as industrial internet and connected cities aim at automating factories and urban areas rather than just households. Digital virtual assistants such as Amazon's Alexa and Google Assistant serve as the bridge between this network of interconnected devices and their human users.

1.6 Objectives of Internship

- To understand the architecture of internet of things.
- To get knowledge on integration of IOT devices with cloud.
- To get knowledge of Communication Protocols – wired, wireless Applications.
- To study the Programming using Arduino and Raspberry Pi, ESP8226.
- Get knowledge of communication Technologies and program with embedded hardware

1.7 Internship Implementation

Fig1.2: Areas of Applications

Applications areas of IOT includes Smart home, Wearable's, Smart City, Smart grids, Industrial internet, connected Car, Connected health, Smart retail, Smart Supply chain and Smart farming.

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8. IOT Future and Conclusion

8.1 IOT Future

The future of IoT has the potential to be limitless. Advances to the industrial internet will be accelerated through increased network agility, integrated artificial intelligence (AI) and the capacity to deploy, automate, orchestrate and secure diverse use cases at hyper scale. The potential is not just in enabling billions of devices simultaneously but leveraging the huge volumes of actionable data which can automate diverse business processes. As networks and IoT platforms evolve to overcome these challenges, through increased capacity and AI, service providers will edge furthermore into IT and web scale markets – opening entire new streams of revenue.

8.2 Outcomes of Internship

- Describes the architecture of internet of things and analysing various components and software tool used in it.
- Explains about the cloud interfacing and controlling of IOT devices with the Google commands.
- Explains about the Communication Protocols with wired and wireless Applications like Blynk app, MIT app and in web addressed notification.
- Describes about the Arduino, Raspberry Pi and ESP8266 module micro-controller and explains about the programming in C, C++ and Python with Arduino IDE Software Tool.
- Explains about the IOT Technologies and interfacing with the hardware by programming.

8.3 Conclusion

Internet of things (IoT) holds huge guarantee for specialization and advancement that will mean wide societal advantage and enhancements in innumerable parts of our lives. The Internet of Things is a mark for a future in which standard, ordinary things from family unit machines to automobile devices are equipped with sensors and associated with the Internet to share their information. In this we all see the more extensively, the IoT will grow to a whole environment for interconnected devices, articles, frameworks, and information all cooperating. In this new world, most correspondences will be machine-to-machine, and there will be a nonstop trade of data between gadgets, sensors, PCs and systems.

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RESEARCH AND INNOVATION HUB
No 10 Anjaneya Nagar Banashankari 3rd Stage Bangalore 85

CERTIFICATE OF INTERNSHIP

This is to certify that

SHARATHSUBRHAMANYA M.K.

from

ATME COLLEGE OF ENGINEERING

has successfully completed one month of internship on

INTERNET OF THINGS

from **10th July to 10th August 2019 at Tequed Labs, Bangalore**.

CEO
Tequed Labs

Director
Tequed Labs

Dr. PARTHASARATHY L.
Professor and HOD
Dept of Electrical & Electronics Engineering

Capstone Project Work

Department of Electrical and Electronics Engineering

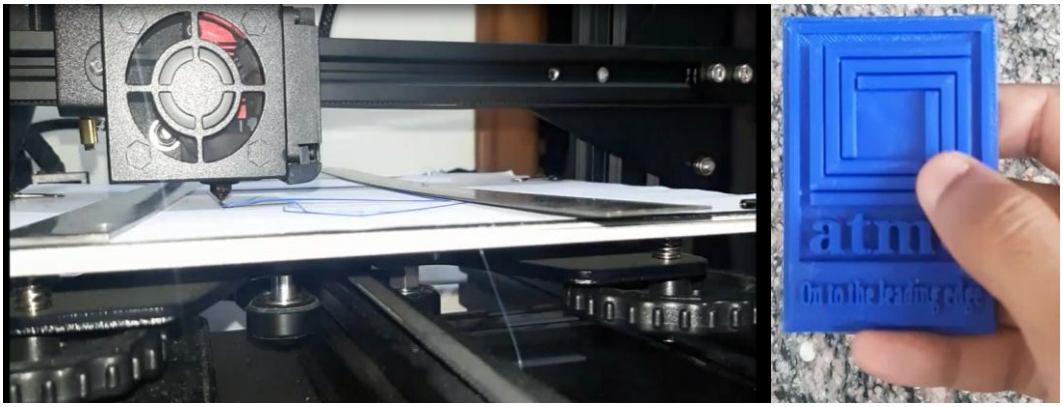
Experiential Learning

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:

2016-2020 Batch

1. 3D Printer



2. Smart Wheelchair for Hemiplegic

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

Department of Electrical and Electronics Engineering

3. **Automated Fertilizer & Seed Vending Machine**

4. **IoT based Tricycle for Physically disabled**

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

5. **Sanitary Napkin Vending Machine with Incinerator**

6. **Automatic Waste Segregator with Status Alert**

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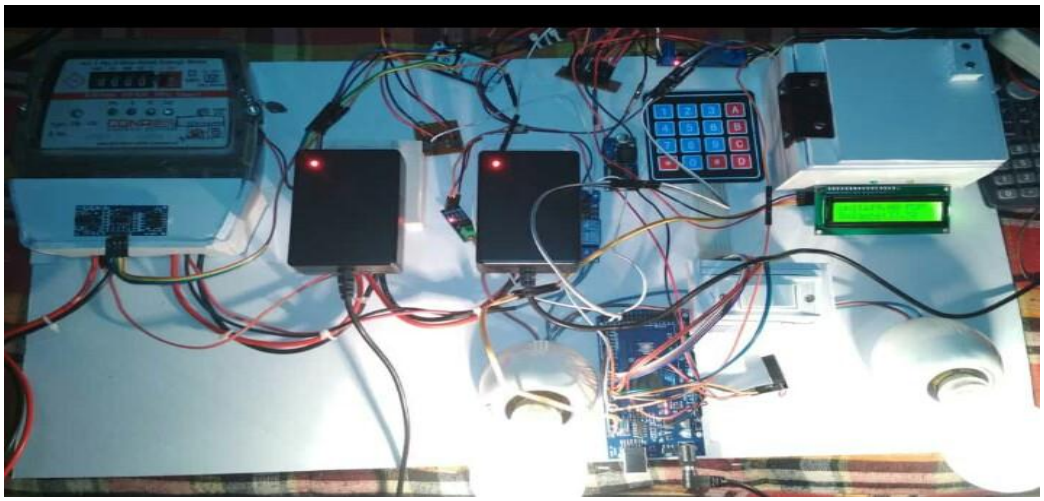
ATME College of Engineering, Mysuru

7. **Smart Energy Meter**



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

b. Best Project Presentation Award

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

Press Link: https://starofmysore.com/winners-of-online-project-exhibition/

USN	NAME
4AD16EE040	SANGEETHA B

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
SANGEETHA B
of
ATME COLLEGE OF ENGINEERING, MYSURU
has been Awarded as Best Project Presentation entitled
AUTOMATED FERTILIZER AND SEED VENDING MACHINE
in the "Project Exhibition-2020" 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 13th August 2020.

HOD-EEE
Dr. P S Puttaswamy

Principal
Dr. Shivakumar M

Department of Electrical and Electronics Engineering

USN	NAME
4AD16EE421	SHARATH SUBRHAMANYA M K

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

SHARATH SUBRHAMANYA M K

of

ATME COLLEGE OF ENGINEERING, MYSURU

has been Awarded as Best Project Presentation entitled

AUTOMATED FERTILIZER AND SEED VENDING MACHINE

in the "**Project Exhibition-2020**" 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 **13th August 2020**.

HOD-EEE
Dr. P S Puttaswamy

Principal
Dr. Shivakumar M

USN	NAME
4AD16EE423	TARUN R

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

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TARUN R

of

ATME COLLEGE OF ENGINEERING, MYSURU

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AUTOMATED FERTILIZER AND SEED VENDING MACHINE

in the "**Project Exhibition-2020**" 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 **13th August 2020**.

HOD-EEE
Dr. P S Puttaswamy

Principal
Dr. Shivakumar M

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

Department of Electrical and Electronics Engineering

Best Project Award

USN	NAME
4AD16EE016	KARTHIK H R

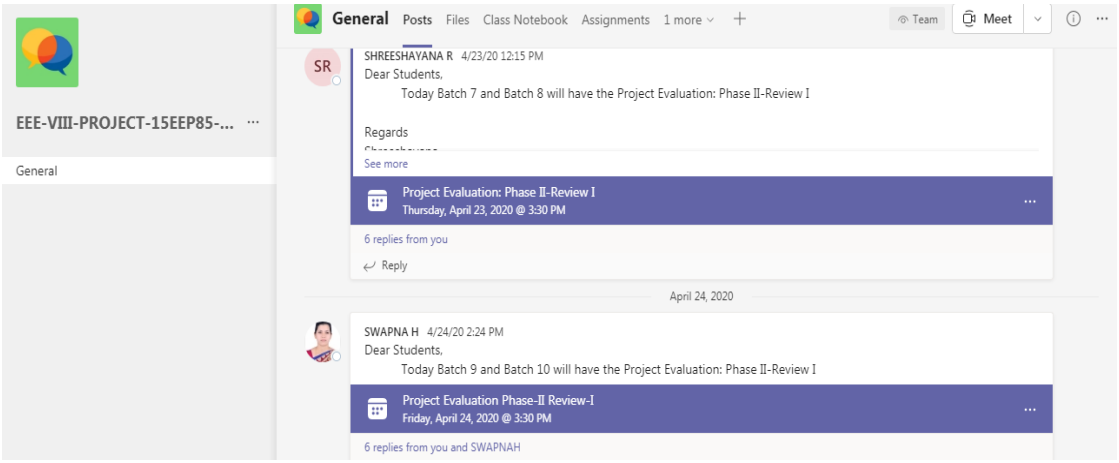
USN	NAME
4AD16EE015	JAYAKUMAR B

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

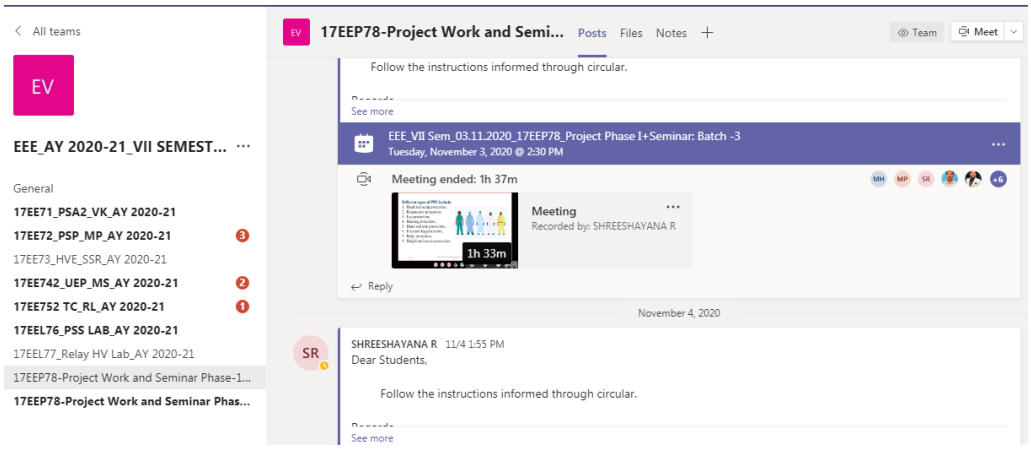
Department of Electrical and Electronics Engineering

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:2019-2020



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



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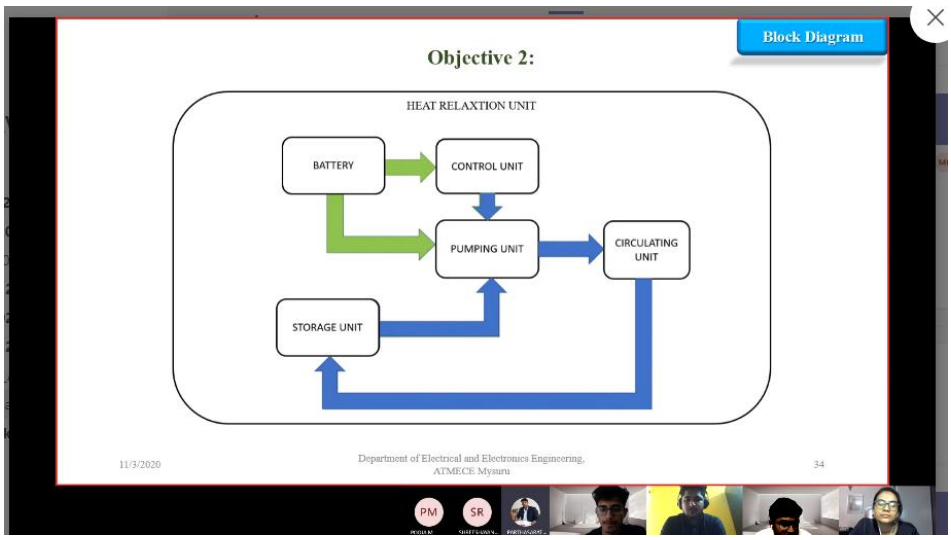
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

3. Online Evaluation Screenshot in MS Teams



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

Department of Electrical and Electronics Engineering

Identification of Best Projects

Sample Rubrics Form

ATME College of Engineering

ATME COLLEGE OF ENGINEERING, MYSURU

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Project Work Phase _ II: 15EEP85

Project Title: Automated Fertilizer and Seed Vending Machine

Guide: Mr.Shreeshayana R

Batch - 4		
Sl. No.	**USN**	**Student Name**
1	4AD16EE040	SANGEETHA B
2	4AD16EE013	HARSHITHA S
3	4AD16EE421	SHARATH SUBRHAMANYA M K
4	4AD16EE423	TARUN R

Gidelines:

1	Max. Marks: 30	**Novelty in Concept**		**Guide Marks**
		i) New concept proposal	30 Marks	30
		ii) Familiar concept with different approach	20 Marks	
		iii) Acceptable deviations in familiar concepts.	10 Marks	
2	Max. Marks: 20	**Methodology**		
		i) Simulation/Programming of the project	10 Marks	10
		ii) Hardware of the Project	10 Marks	10
3	Max. Marks: 30	**Project Outcome**		
		i) Achieved results as per the defined objects.	30 Marks	30
		ii) Deviation in the results from the defined objectives.	20 Marks	
4	Max. Marks: 20	**Project Presentation/Paper Competition etc.**		
		i) Whether funded project	10 Marks	10
		ii) Work published in National/International Journal and	5 Marks	
		iii) Participation and Won in intercollegiate competition	5 Marks	5
Total			**100 Marks**	**95**

Internal Guide

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

Department of Electrical and Electronics Engineering

Experiental Learning Course

ATME College of Engineering

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

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

Department of Electrical and Electronics Engineering

AY:2019-2020 Experiental Learning Course List

ATME College of Engineering

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	18PHYL16/26	Yes	Laboratory Course	Experiential Learning course
7	I/II Sem	Basic Electrical Engineering Lab	18ELEL17/27	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	Culculus 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	18CHEL16/26	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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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	Aadalitha 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

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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-1	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	17EE651	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	Rely 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

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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

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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 an FIR filters using various methods.

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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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Self-learning through MOOC Platforms

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ATME College of Engineering
NBA ACCREDITED
Department of EEE Emitting Elite Energy

Department of Electrical and Electronics Engineering

Circular **25.09.2019**

Subject: MOOC Self Learning

Students are informed to undergo Self Learning Course and obtain certification in various MOOC Learning Platforms Like SWAYAM, Coursera, Udemy, Simplilearn, NPTEL etc. to enhance your skillset.

SWAYAM Link: https://swayam.gov.in/

Coursera Link: https://www.coursera.org/

SimpliLearn Link: https://www.simplilearn.com/

NPTEL link: https://nptel.ac.in/

Udemy Link: https://www.udemy.com/

25.9.19

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Student Representatives.

1. Yaseen Ulla Khan — III Sem.
2. Manoj. K.N — V Sem
3. Arputha. R — V sem
4. Vikram. Y — VII Sem

Department of Electrical and Electronics Engineering

Experiential Learning

The Department encourages students to undergo MOOC Courses and enhance their skillset in Various MOOC platform like Coursera, Udemy etc.

a. Few of the sample certifications by our students

2016-2020 Batch

USN	NAME
4AD16EE022	MOHAMED ASSIM

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ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

UCI University of California, Irvine

COURSE CERTIFICATE

06/26/2020

Mohammed Assim

has successfully completed

Interfacing with the Arduino

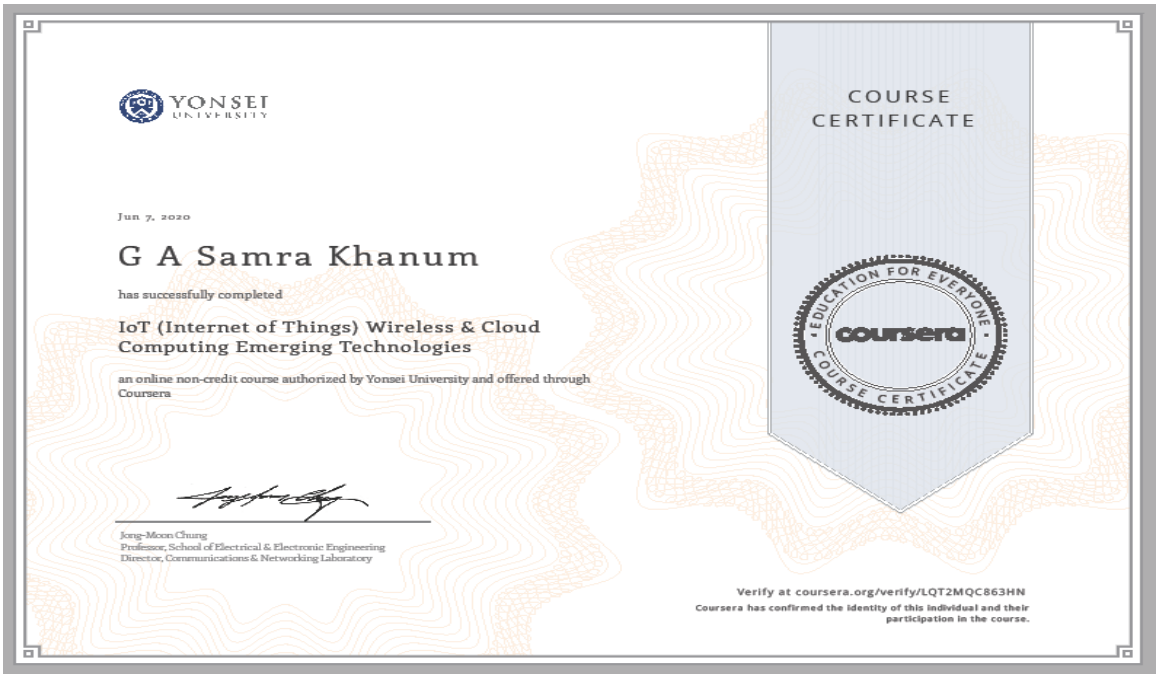
an online non-credit course authorized by University of California, Irvine and offered through Coursera

Ian Harris
Professor
Department of Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at coursera.org/verify/3JP5VTEJ479F
Coursera has confirmed the identity of this individual and their participation in the course.

USN	NAME
4AD16EE011	G A SAMRA KHANUM



YONSEI UNIVERSITY

COURSE CERTIFICATE

Jun 7, 2020

G A Samra Khanum

has successfully completed

IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies

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

Jong-Moon Chung
Professor, School of Electrical & Electronic Engineering
Director, Communications & Networking Laboratory

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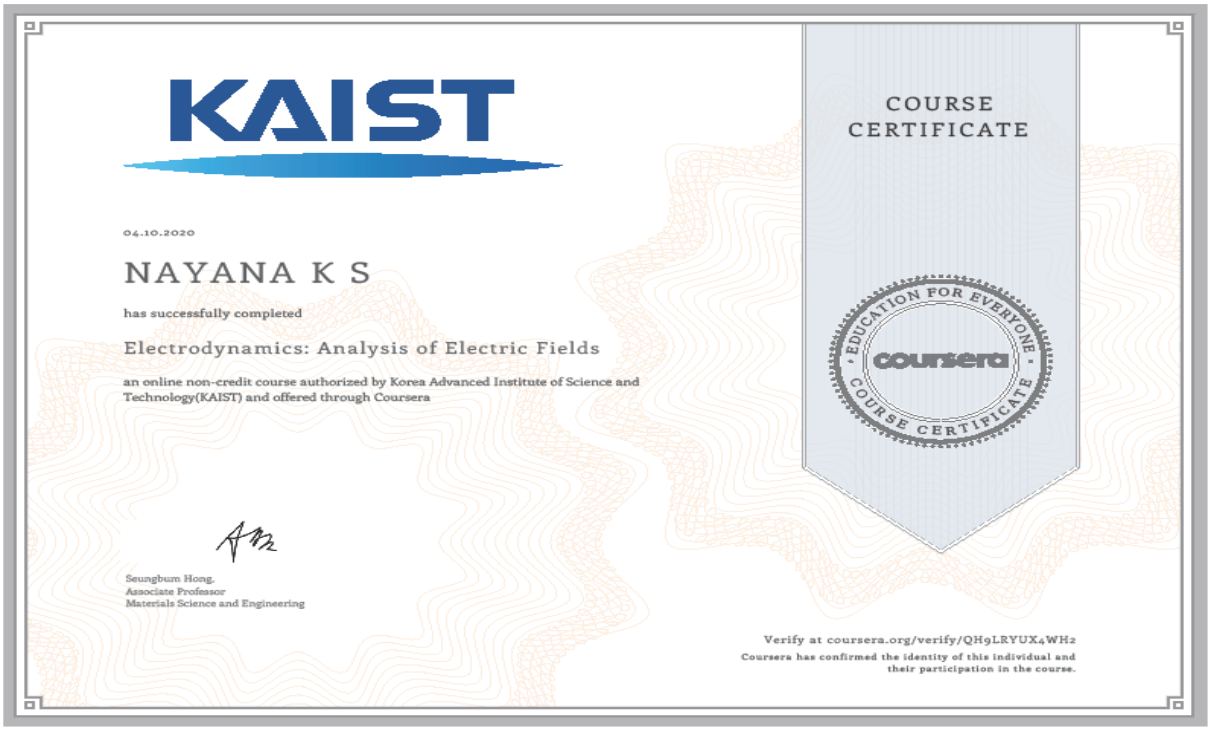
2018-2022 Batch

USN	NAME
4AD18EE020	NAYANA K S



KAIST

COURSE CERTIFICATE

04.10.2020

NAYANA K S

has successfully completed

Electrodynamics: Analysis of Electric Fields

an online non-credit course authorized by Korea Advanced Institute of Science and Technology(KAIST) and offered through Coursera

Seungbum Hong,
Associate Professor
Materials Science and Engineering

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

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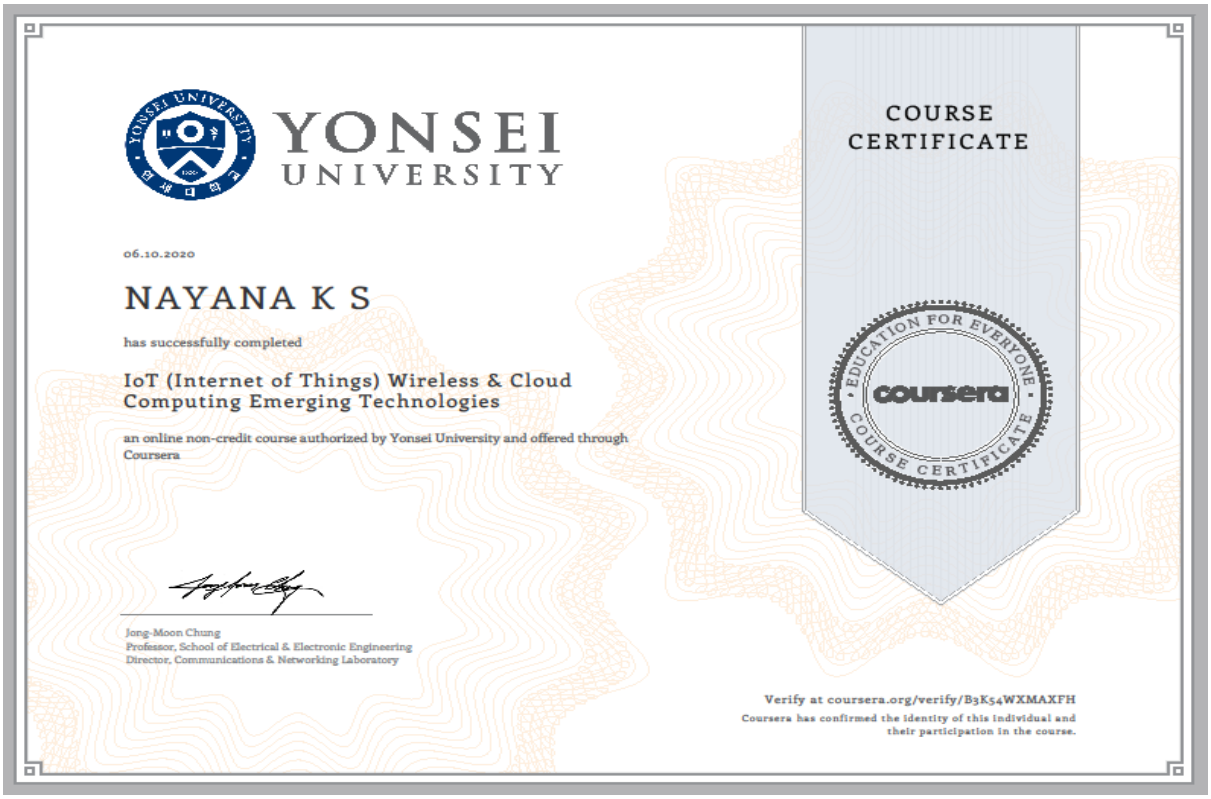

YONSEI UNIVERSITY

COURSE CERTIFICATE

06.10.2020

NAYANA K S

has successfully completed

IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies

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

Jong-Moon Chung
Professor, School of Electrical & Electronic Engineering
Director, Communications & Networking Laboratory

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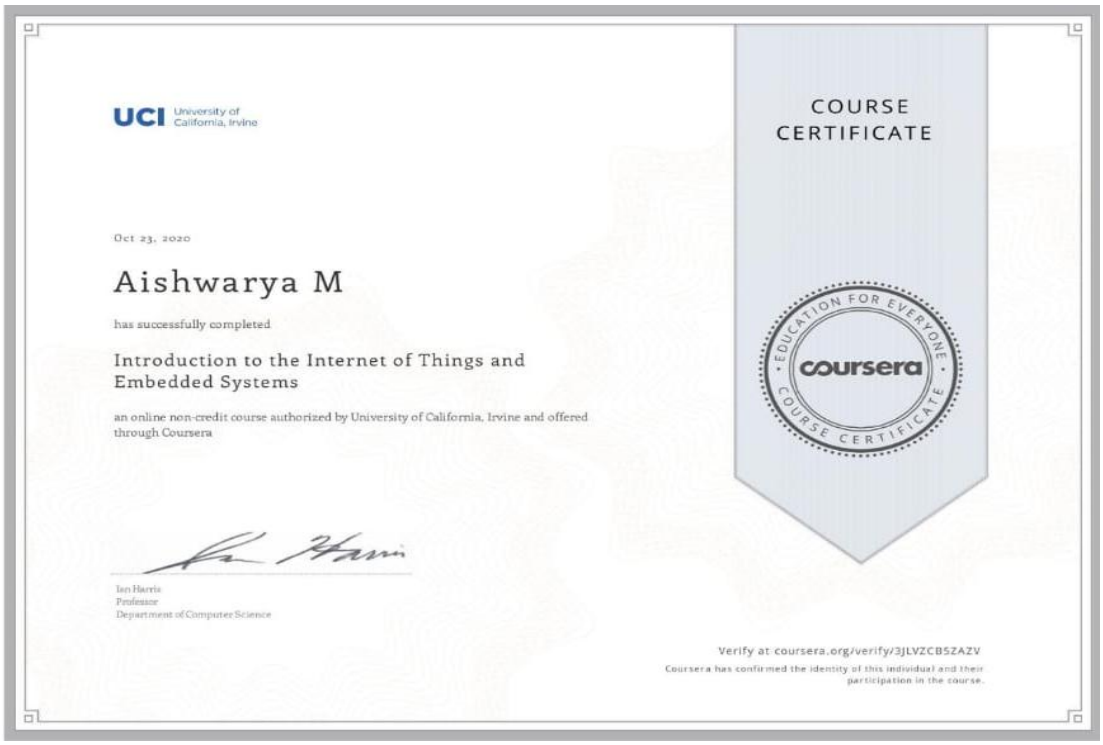
USN	NAME
4AD18EE003	AISHWARYA M



4AD18EE030	YASEEN ULLA KHNA

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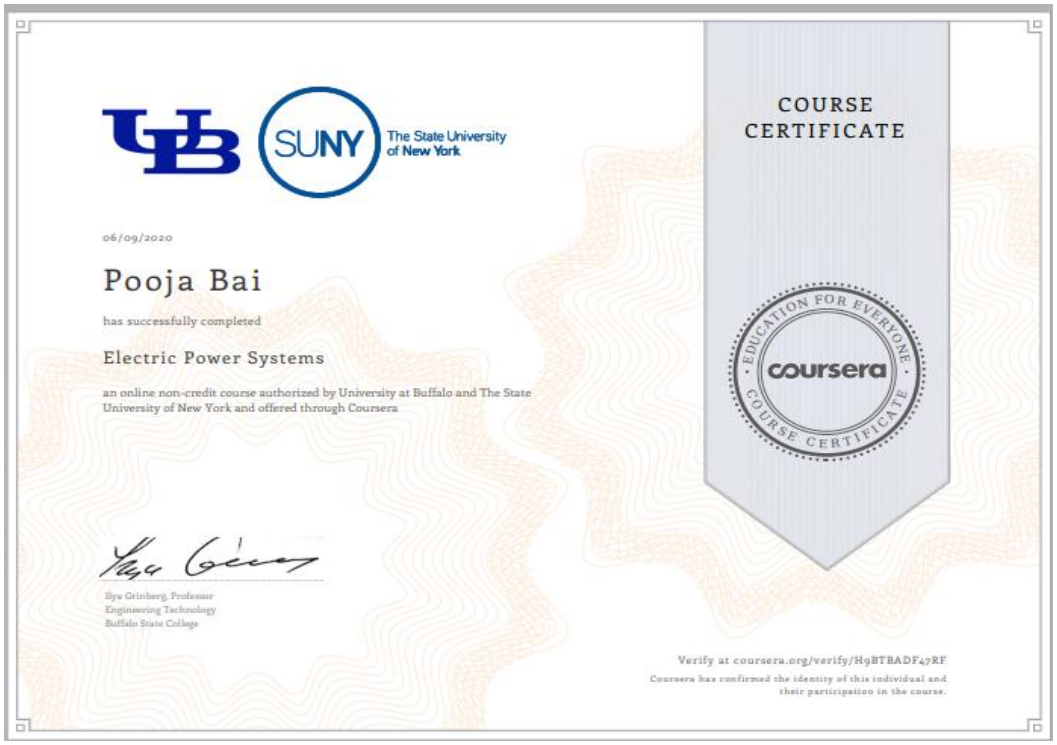
USN	NAME
4AD18EE016	MANJUNATHA K B

4AD18EE021	POOJA BAI



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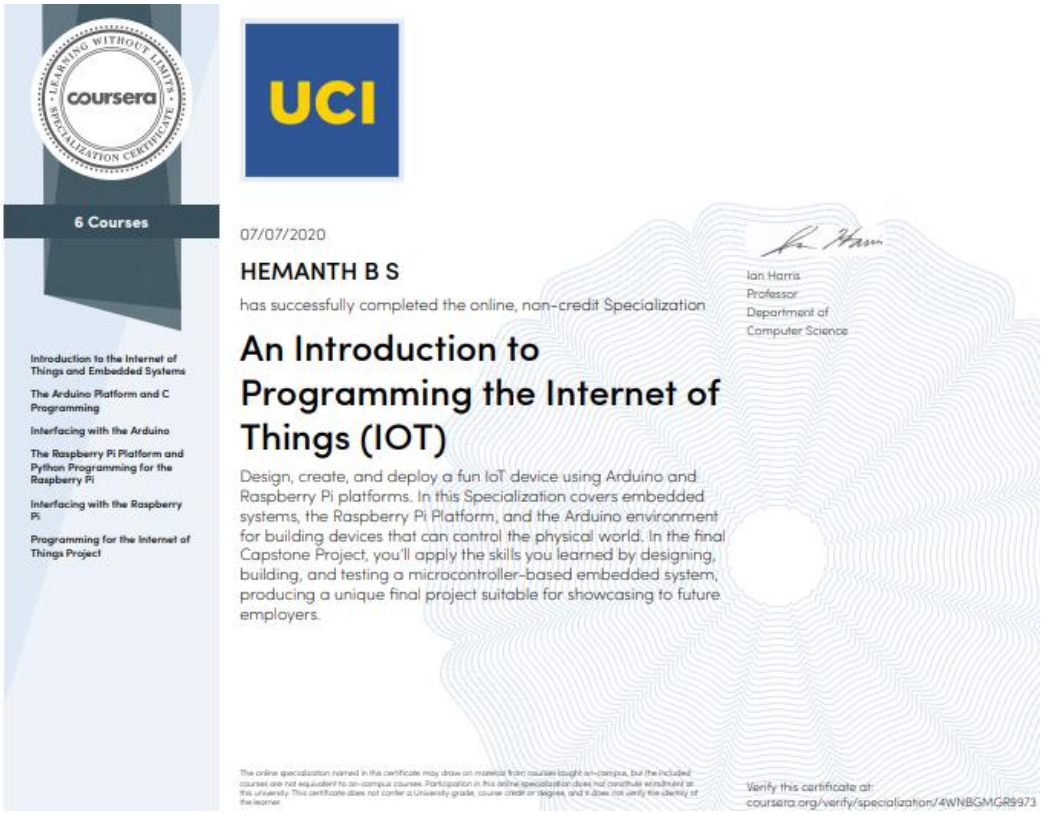
USN	NAME
4AD19EE410	HEMANTH B S



coursera

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6 Courses

Introduction to the Internet of Things and Embedded Systems

The Arduino Platform and C Programming

Interfacing with the Arduino

The Raspberry Pi Platform and Python Programming for the Raspberry Pi

Interfacing with the Raspberry Pi

Programming for the Internet of Things Project

UCI

07/07/2020

HEMANTH B S

has successfully completed the online, non-credit Specialization

An Introduction to Programming the Internet of Things (IOT)

Design, create, and deploy a fun IoT device using Arduino and Raspberry Pi platforms. In this Specialization covers embedded systems, the Raspberry Pi Platform, and the Arduino environment for building devices that can control the physical world. In the final Capstone Project, you'll apply the skills you learned by designing, building, and testing a microcontroller-based embedded system, producing a unique final project suitable for showcasing to future employers.

Ian Harris
Professor
Department of Computer Science

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at: coursera.org/verify/specialization/4WNBGMGR9973

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ICT Based Learning

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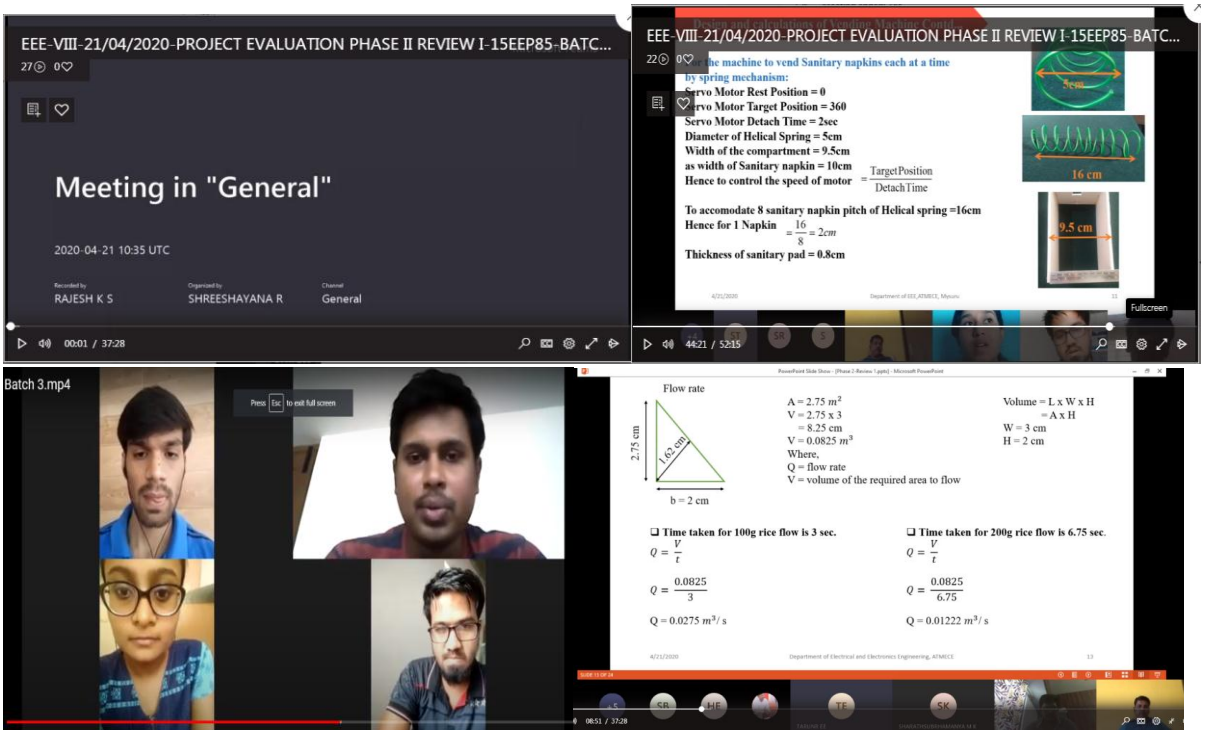
Information Communication Technology (ICT) tools contribute to high quality lessons as they have potential to increase students' motivation, connect students to many information sources, and support out-class learning environments. The Department of Electrical & Electronics Engineering is inclined to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



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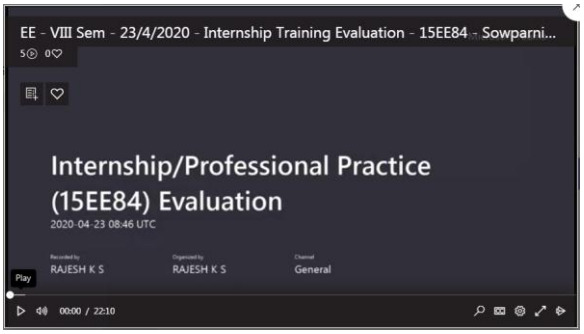
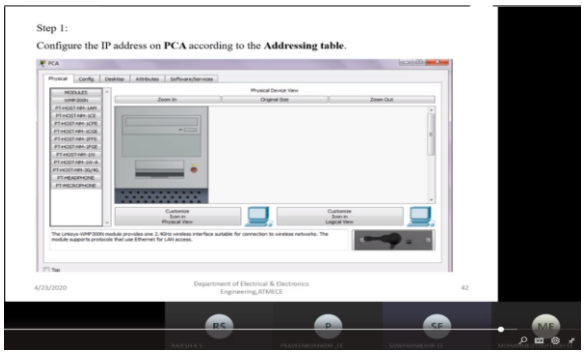
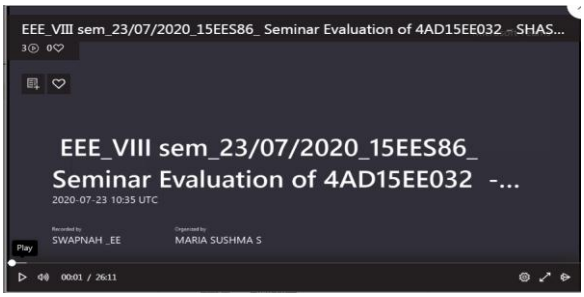
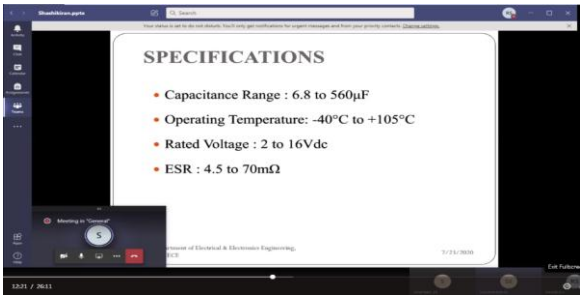
Internship Evaluation:



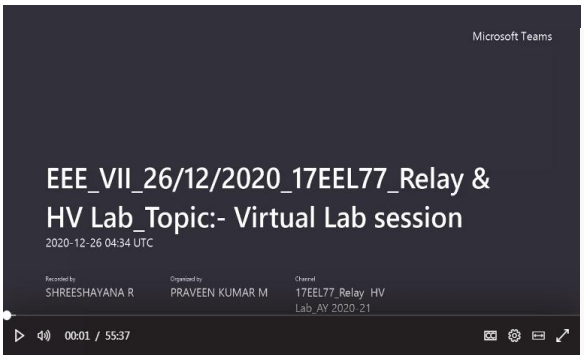


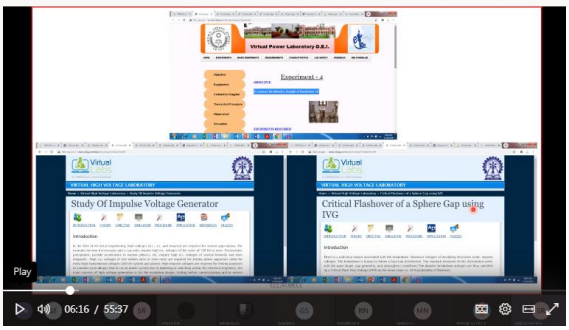
Seminar Evaluation

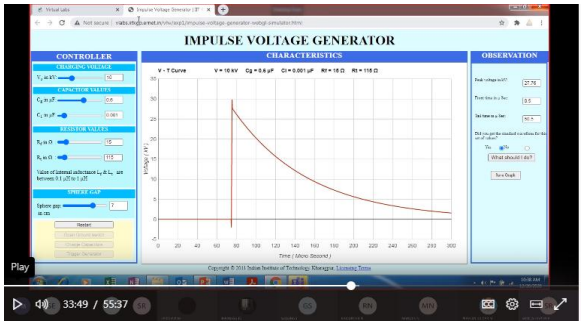




Virtual Labs







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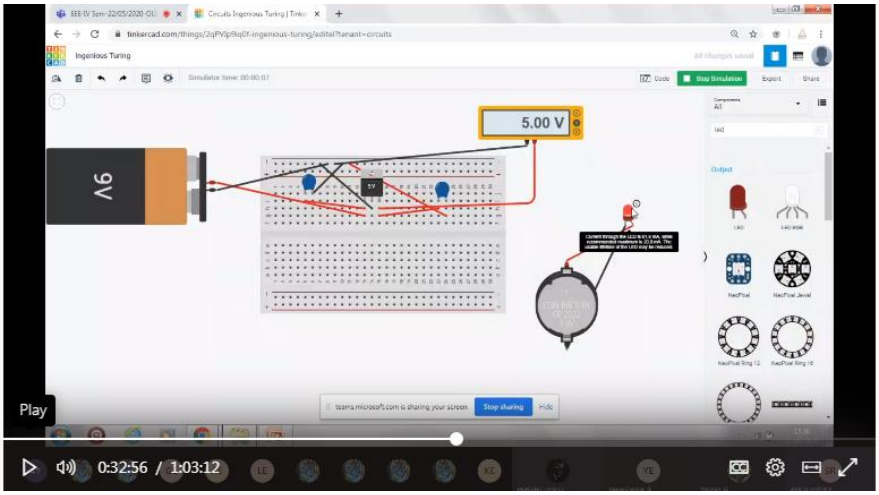
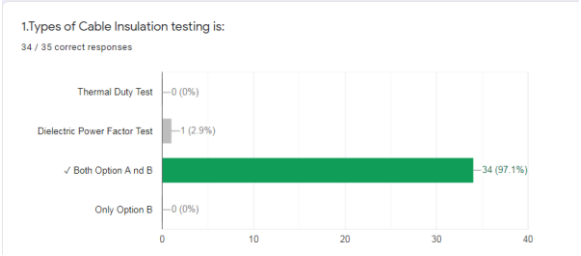
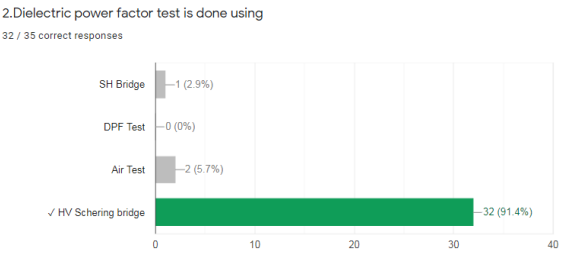
TinkerCAD



Google Form Evaluation





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ATME College of Engineering, Mysuru

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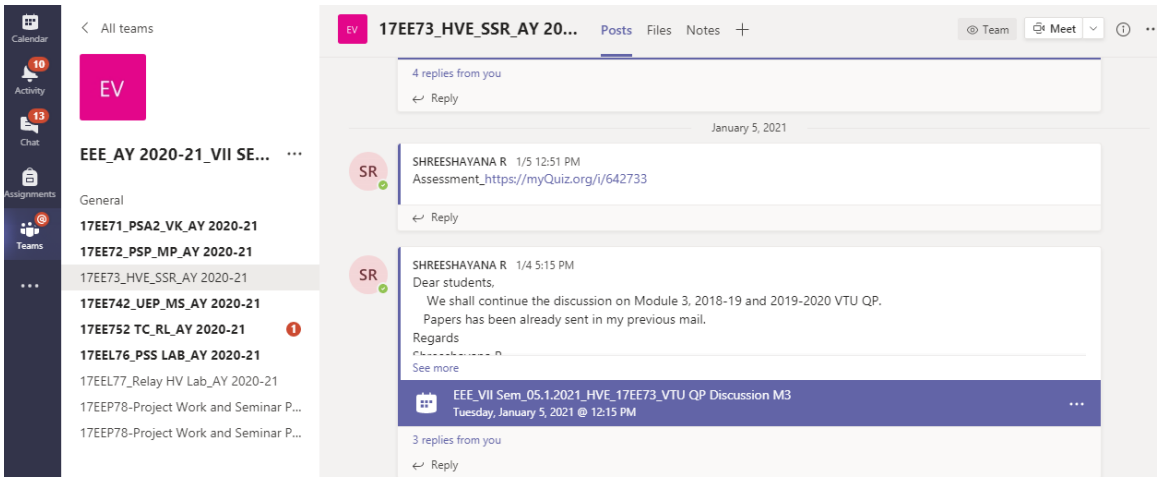
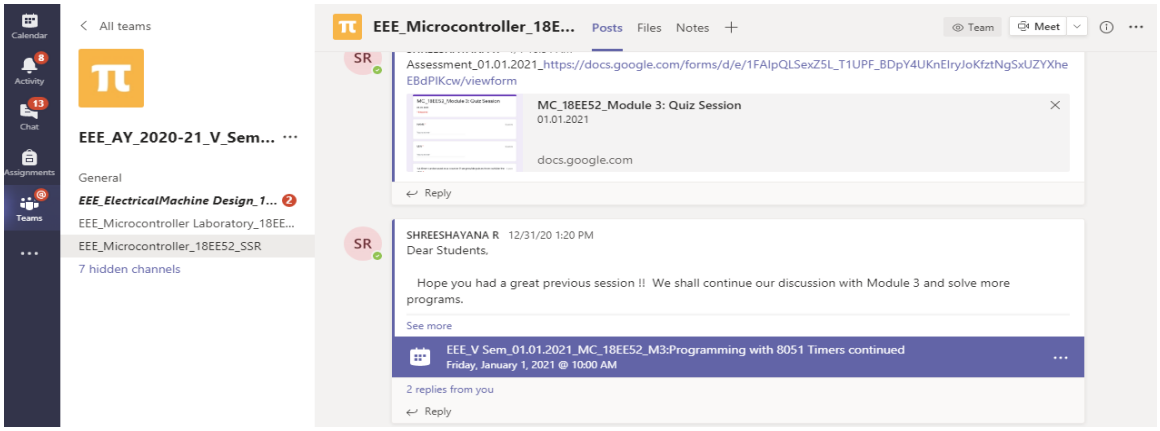
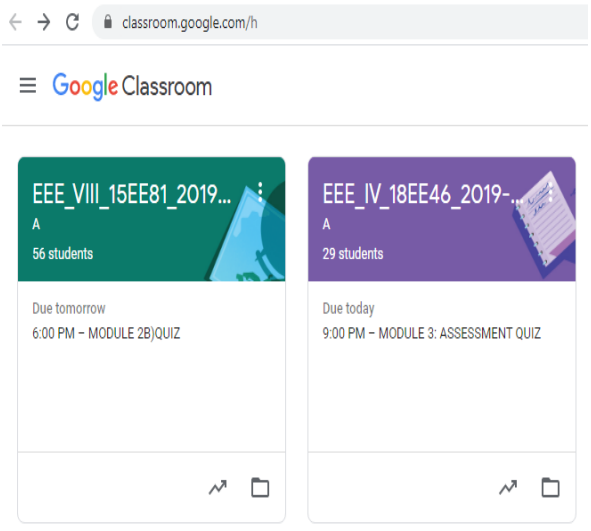
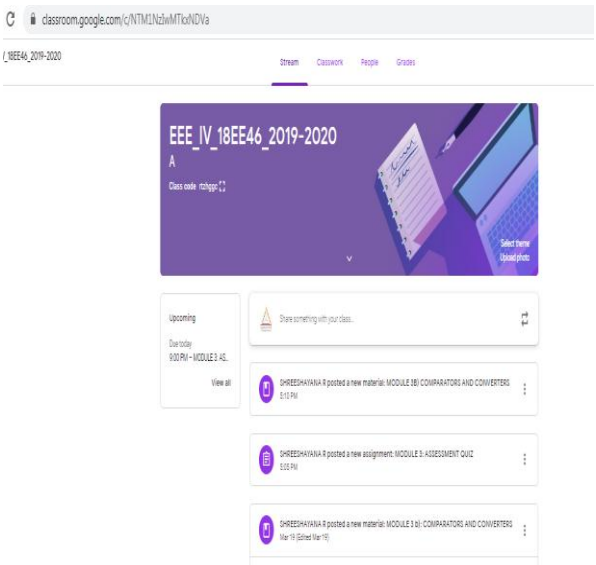
MS Teams Channel Screenshot





The Google classroom (snapshot) provided for reference.





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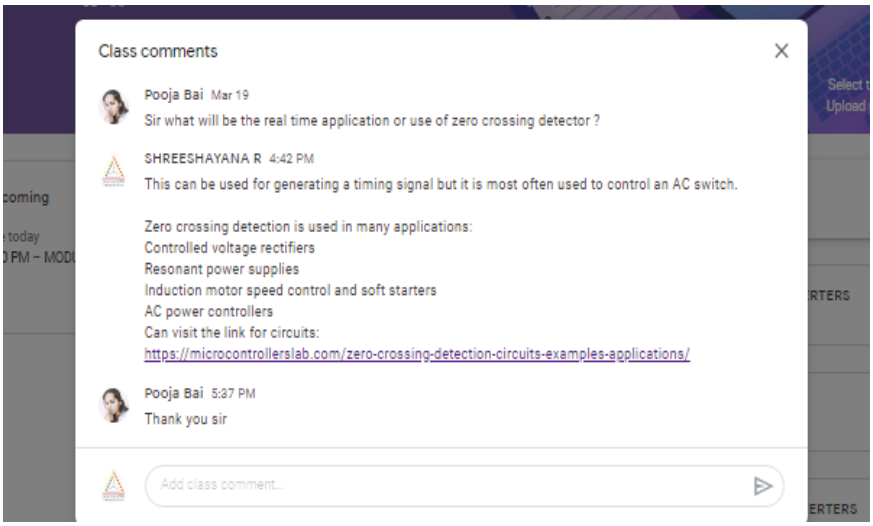

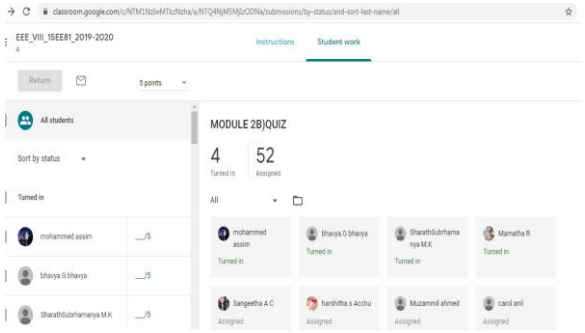

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Digital Signal Processing – 17EE63
Module-4 Design of IIR Digital Filters

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

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Department of EEE
Emitting Elite Energy

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

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

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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

Department of Electrical and Electronics Engineering

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

NPTEL

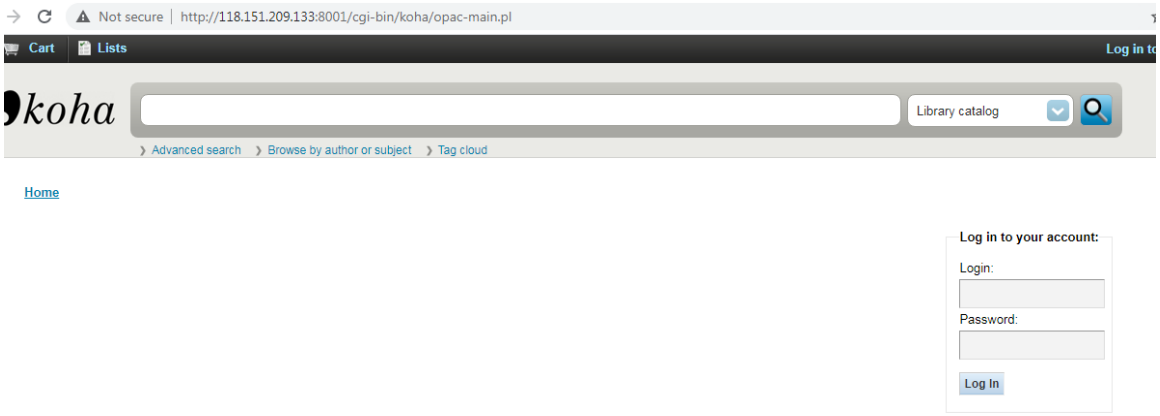
ATME College of Engineering

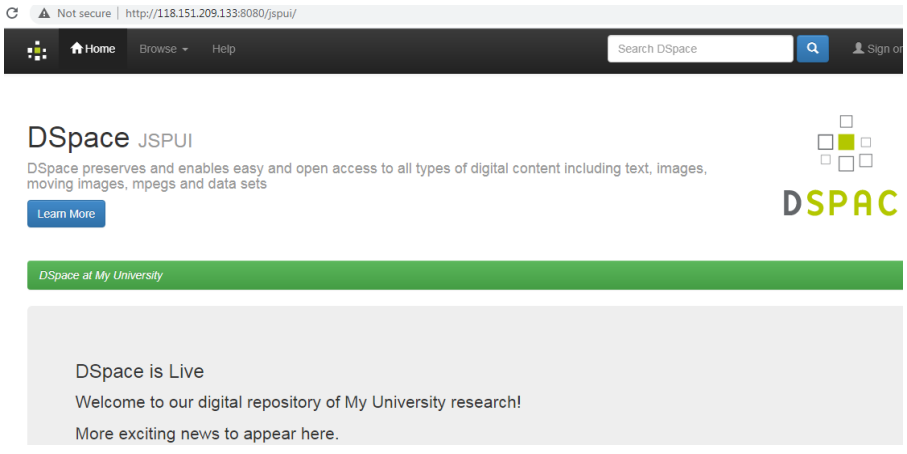
Username Enter User Name

Password Enter Password

LOGIN

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





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Student Learning Resources

Study Materials

Website Link:

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

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

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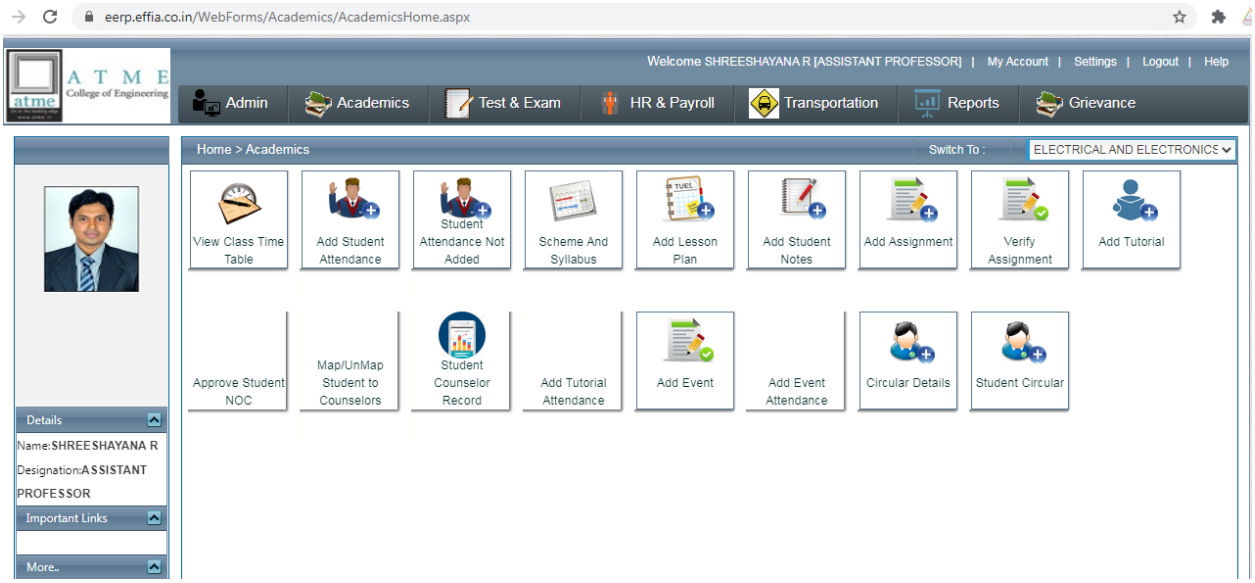
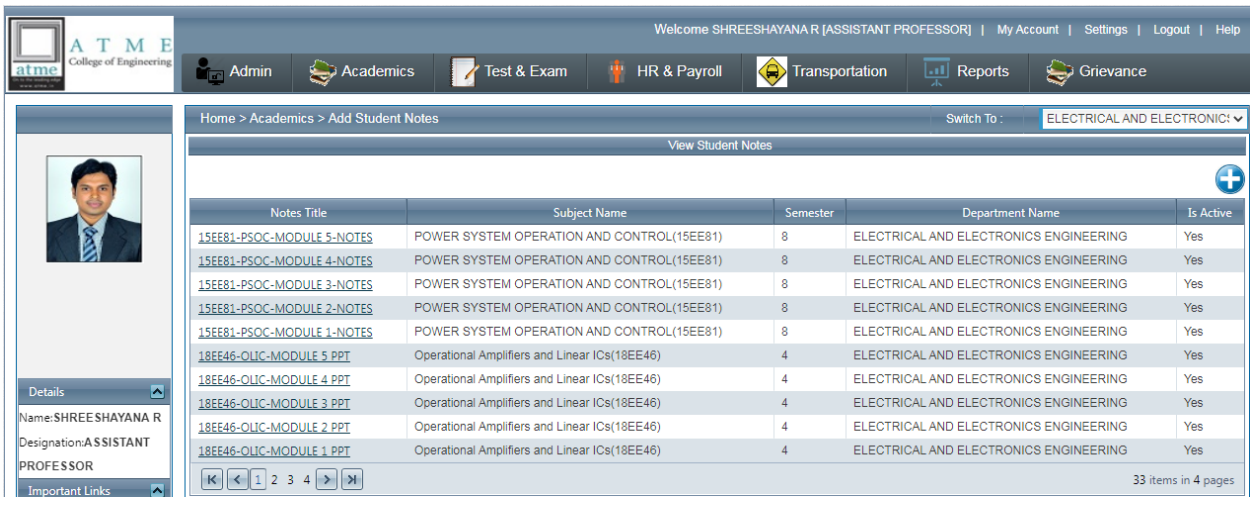
Student Learning Resources

College Enterprise Resource Planning (CERP)

1. Notes and PPT
2. CERP Link : https://eerp.effia.co.in/Webforms/frmLogin.aspx
   Note: Credentials is required for Login





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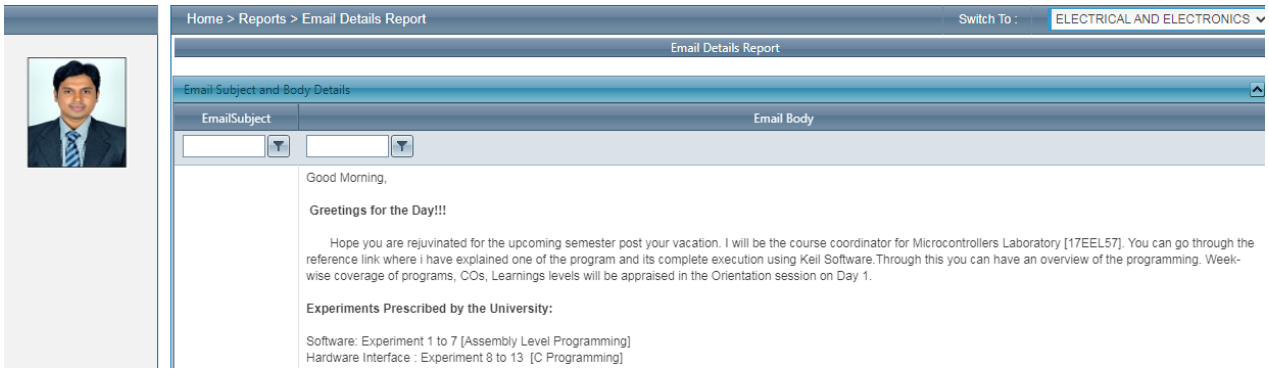
Flipped Classroom:

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.



Week 1: Orientation session[Entire Class on 29/7/19] followed by regular Lab session from 30/7/19

Topics to be covered: Introduction to Keil software, Hardware interfacing, Experiment 1: (Block Move, Block Exchange, Ascending, Descending,smallest, Largest Program)

Reference Link : https://www.youtube.com/watch?v=BjhRvErosQ8

https://nptel.ac.in/courses/108105102/23 [NPTEL Lecture Link]

Regards
Shreeshayana R
Assistant Professor
Department of Electrical and Electronics Engineering
ATME College of Engineering Mysuru

Mob:+91-9739002631

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-SSR-17EE52-EMAIL 5

b. In continuation with our previous week topic discussion, **Topics to be covered for Week 8:**

Week 8: 16th to 20th September 2019

Week No.	Class No	DATE	HOUR	Topics to be Covered	Reference Resource Links
8	26	18/09/2019	FIRST HOUR	8051 Interrupt programming in assembly and C: 8051 interrupts	https://www.youtube.com/watch?v=V_zRKvqTlVs https://www.youtube.com/watch?v=fnfgtlM-igQ https://www.youtube.com/watch?v=dG3egxqkHNw https://www.youtube.com/watch?v=HrGmONb_hCM
	27	19/09/2019	SECOND HOUR	Programming timer, external hardware	
	28	19/09/2019	THIRD HOUR	serial communication interrupt	
	29	20/09/2019	FOURTH HOUR	Interrupt priority in 8051/52, Interrupt programming in C	

Note: Refer the Link for some exciting information.

c. Course Outcomes achievable at the end of Module 4

CO3: Analyse different I/O devices (Serial), interrupts and develop programs to configure 8051 Microcontroller. **(L4)**

d. Resource Link and Books:

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Participatory Learning

1. Technical Fest competitions/Workshops offering peer to peer learning and enhancing Technical & logical thinking skills
2. Industrial Visit to get insight into working structure of industries
3. Technical Hobby Club Activity
4. Paper Presentation Activity
5. Co-curricular & Extra-Curricular activities/contests to imbibe self-confidence among students.
6. Group Assignment Activity
7. Group Discussion Activity

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

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Circular **08.11.2019**

Subject: Technical Fest

The Department of Electrical & Electronics Engineering is organising State Level Technical Fest "AVAGAMAH" under department association "Quantum" on 14th November 2019. Students are Informed to participate and make use of the opportunity to enhance and exhibit your skills.

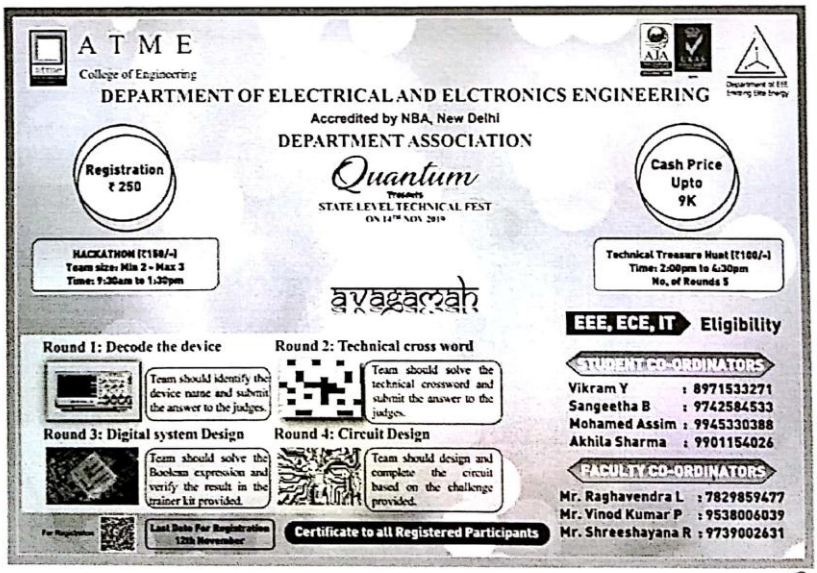
Events:

1. Hackathon
2. Technical Treasure Hunt

Objectives:

1. To enhance the Analytical and Technical Skills in students.
2. To enhance organising skills, analysing skills, technical skills in students.

For Further details contact the coordinators:



8.11.19

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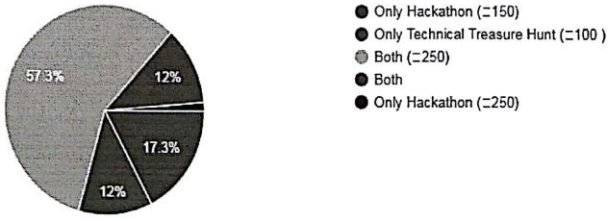
Google Response Form:

Event Registration

75 responses

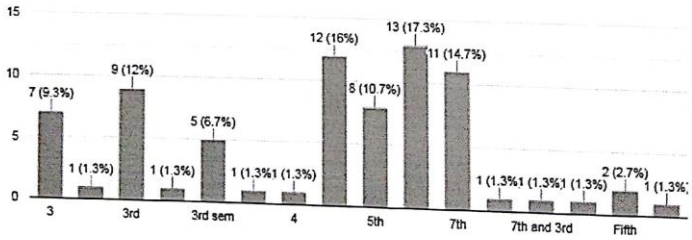


Registration Date

75 responses

Semester

75 responses



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Outcome

Students were able to:

1. Exhibit Analytical and Technical Skills through Hackathon event
2. Analyse and Infer result for the assigned task through technical Treasure hunt activity.

SL.No	No of Teams	Event Type
1	75	State Level

Event Coordinators Signature

1.Mr. Raghavendra L

2.Mr.Vinod Kumar P

3.Mr. Shreeshayana R

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Feedback Form

1. **Student Name:** ARPITHA.R
2. **USN:** 4ADITEE002
3. **Activity:** Technical Fest (Hackathon, Technical tresure Hunt]
4. **Venue:** Dept of EEE ATMECE [Room no. 004]
5. **Date :** 14/11/19

Tick the appropriate Feedback response:

SL.No.	Parameters	Excellent	Very Good	Good	Satisfactory
1	Objectives & Outcomes of the event met your expectation		✓		
2	Effectiveness of discussion, Knowledge gained from the Activity	✓			
3	Overall, how do you rate the activity in terms of skill enhancement		✓		

Suggestions: It let us to gain knowledge in a betteryway, it will be useful for Students in participating.

Signature with Date: Arp(Reda) 15/11/19

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Feedback Form

1. **Student Name:** JOSHUA.H.RAYAPURT
2. **USN:** 4AD17EE015
3. **Activity:** Hackathon, Technical Tresure Hunt in [Technical Fest]
4. **Venue:** Department of EEE [Room no. 04]
5. **Date :** 14/11/19

Tick the appropriate Feedback response:

SL.No.	Parameters	Excellent	Very Good	Good	Satisfactory
1	Objectives & Outcomes of the event met your expectation		✓		
2	Effectiveness of discussion, Knowledge gained from the Activity		✓		
3	Overall, how do you rate the activity in terms of skill enhancement	✓			

Suggestions: It would be helpful if you conduct similar activities to improve our skills.

Signature with Date: [signature] 15/11/19

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Report

Technical Fest under Department Association is conducted for the students for participatory Learning and provide opportunity to exhibit skills.

Press Report Link: https://www.mysurudays.com/state-level-technical-fest-avagamah-at-atme/

Technical Fest "Avagamah" on 14th November, 2019.

More than **75 teams** from various Engineering Colleges of Karnataka participated in the event.

The **Hackathon Event** comprised of 4 challenges. Teams had to complete Decode the device, Technical cross word, Digital system design and Circuit design challenges to win the prize. Mr.Nouman Ahmed and team from VVCE, Mysuru won 1st prize, Mr.Mohammed Assim and team from ATMECE, Mysuru won 2nd prize, Mr.Jeevan Lobo and team from RIT, Hassan won 3rd prize. Mr. Yaseen Ulla Khan and team, Mr. Pradeep K and team from ATMECE won Consolation prize respectively.

In the **Technical Treasure Hunt** event, students had to complete 6 stages to win the event. Ms.Spoorthi U and team from GSSSIETW, Mysuru won 1st prize, Mr.Nagesh Kashyap and team from VVIET, Mysuru won 2nd prize and Ms.Sangeetha B and team from ATMECE, Mysuru won 3rd prize. Ms.Pooja Bai and team from ATMECE were awarded consolation prize.

Dr. L Basavaraj, Principal, ATMECE and **Dr.Parthasarathy L**, Head, Department of Electrical and Electronics Engineering with the Prize winners

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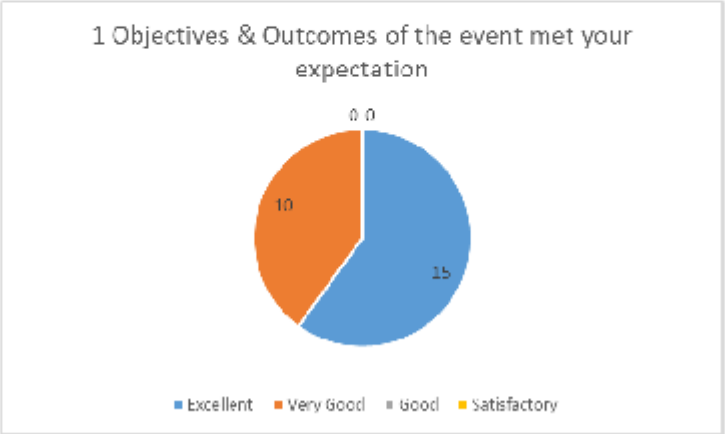
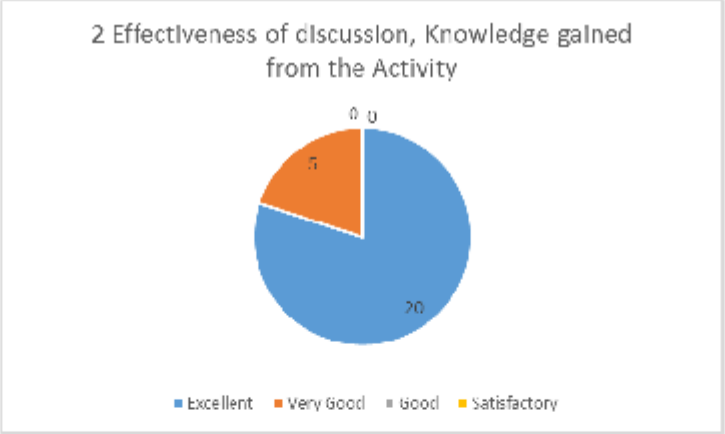
Analysis





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Industrial Visit to get insight into working structure of industries

Department of Electrical and Electronics Engineering

Industry Visit

To enhance the learning perspective and exposure to theoretical & practical concepts, Students are taken to Industry visits to provide exposure to Industry functioning

a. Few of the Field Visits by our students are as follows:

Sl. No.	Title of the collaborative activity	Industry	Semester	Date	Duration
1	Field trip	Hootagalli substation, Mysuru	IV	29/Feb/2020	1 day
2	Field trip	Adarsha control systems pvt ltd A-273, 6th main 2nd stage peenya industrial area Bangalore	IV	26/Feb/2020	1 day
3	Field trip	Central power research institute bangalore	VIII	26/Feb/2018	1 day
4	Field trip	Rare Materials Project/ Bhabha Atomic Research Centre, mysuru	VIII	2/Mar/2018	1 day
5	Field trip	Sattegala Mini Hydel power station Bhoruka power corporation limited	V	25/Sep/2020	1 day
6	Field trip	220KV Vajamangala Substation	IV	2/Mar/2017	1 day
7	Field trip	Varahi Hydro generating station	VII	14/Oct/2016	1 day
8	Field trip	Kirloskar Electric company limited Belavadi industial area mysuru	IV	27/Feb/2016	1 day
9	Field trip	Sharavathi Power plant	V	1/Oct/2015	1 day

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a. **Industrial visit to Hootagalli substation, Mysuru**

The Department of Electrical & Electronics Engineering had organised Industrial visit to 220kV/66 kV /11kV SRS Hootagalli substation, Mysuru for IV semester students on 29th February 2020 in order to provide a practical exposure of substation.

C. Industry Visit to Adarsha control systems pvt ltd,Bengaluru

The Department of Electrical & Electronics Engineering had organised Industrial visit to Techno Power Corporation and Adarsha controls and automation Bangalore for VI semester students on 29th February 2020 in order to provide a practical exposure of Transformer winding, manufacturing of Electrical & Automation control panels , control room Consoles etc

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Sample Feedback Form

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Department of Electrical and Electronics Engineering

Date:

STUDENT FEED BACK

Industry Visit: "TPC Techno Power Colporation LLP", Bengaluru on 29th February 2020

Dear Student,

You are informed to give feedback on the Industry Visit. Indicate your rating for the presentation by choosing a circle. Use a scale of 1 (Fair) through 4 (Excellent):

Name of the Student: Ruquia Naaz Khanum									**USN:** 4AD17EE030			
Academic Year: 2019-20									**SEMESTER:** VI			
Sl.No	**Salient Points**											
1	Was visit Technically helpful to you								Yes		NO	
2	Do you advise to arrange this type of visit in future?								Yes		NO	
									1: Fair	2: Good	3: Very Good	4: Excellent
3	Give overall rating to industrial visit								(1)	(2)	(3)	(4)
4	Indicate the Program Outcomes (POs) from the technical talk.											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
			✓	✓	✓							✓
5	Indicate the Program Specific Outcomes (PSOs) from the technical talk.											
	PSO1			PSO2								
	✓			✓								
6	Kindly describe the knowledge you gained from the industrial visit in few words.											
7	Give your comments on visit											

Ruquia

Student Signature

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

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

Technical Hobby Club Activity

Department of Electrical and Electronics Engineering

A T M E
College of Engineering
Department of EEE
Emitting Elite Energy

Department of Electrical and Electronics Engineering

Circular

18.09.2019

Technical Hobby Club

Students are encouraged to register for the Hobby Club and participate in activities to enhance your skillset

Club Objectives:

1. To inspire students to pursue a hobby & explore their potential in areas like design, testing etc.
2. To acquire and enhance technical skills in relevant domain.
3. Create / Adopt / Modify modern tool usage.
4. To organize, participate in technical competitions.

Academic Year: 2019-20
Semester: ODD

Activities Planned

Date	Activity	Course covered	Departments
25th September 2019	Technical Quiz	Electronics (AEC/LD)	ECE, EEE
		Microcontroller	ECE, EEE
		IoT / C Programming	CSE,ECE,EEE,ME,CVE
24th October 2019	Guest Talk	Guest Talk on Potential Hobby ideas	
30th October 2019	Discussion on App development using Android Studio	CSE, ECE, EEE, ME, CVE	
6th November 2019	Technical Cross Word	CSE, ECE, EEE, ME [Helps in part in Technical Quiz Competitions]	

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13th KM Stone, Mysuru-Kanakapura-Bengaluru Road, Mysuru – 570 028 P: 0821-2593335 F: 0821- 2593328
E-Mail: eee.atme@gmail.com

ATME College of Engineering
Department of EEE
Emitting Elite Energy

Department of Electrical and Electronics Engineering

Guidelines

1. Registration is free
2. Students should register in the following Link:
   https://docs.google.com/forms/d/e/1FAIpQLSe8qWroONThCfjwJEyEPfl8IhT-GrqUnfe0y_HEkO42DyVxKw/viewform
3. Weekly activities will be conducted which will communicated through student coordinators

HoD

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ATME College of Engineering
Department of Electrical and Electronics Engineering

Technical Hobby Club

18.11.2019

Club Activity Outcomes:

Students were able to:

1. Exhibit Technical skills through Technical Quiz and Cross Word Events
2. To acquire information to develop android app.
3. Plan, Organise and Exhibit their skill in technical competitions.

Academic Year: 2019-20
Semester: ODD

Activity Report

Date	Activity	Remarks
25th September 2019	Technical Quiz	Completed
30th October 2019	Discussion on App development using Android Studio	Completed
6th November 2019	Technical Cross Word	Completed

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ATME College of Engineering
Department of EEE Emitting Elite Energy
Department of Electrical and Electronics Engineering

Google Form Report

Registration Response: Hobby Club

Technical Hobby Club

Questions Responses 93

93 responses

Summary Question Individual

Sample Response

Registration Details

Kindly enter your details in the field provided

Name *
MOHAMMED TOUFEEQH MR

USN *
4AD17EE403

Semester *
VII

Department *
Electrical and Electronics Engineering

Email ID *
mohammedtoufeeqh93@gmail.com

Mobile Number *
9206445253

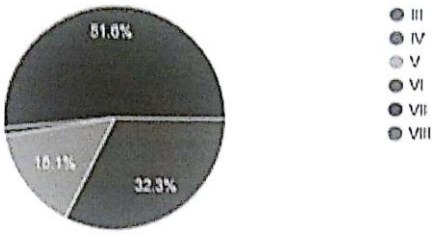
Registration Date *
09 / 23 / 2019

Department of Electrical and Electronics Engineering

ATME College of Engineering
Department of EEE
Emitting Elite Energy
Department of Electrical and Electronics Engineering

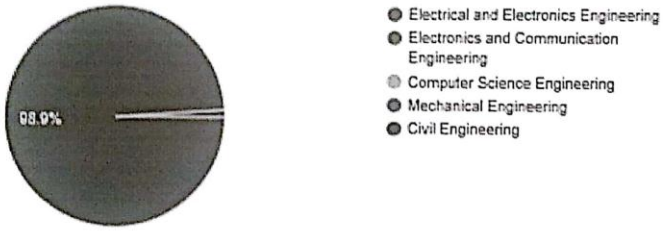
Semester

93 responses



Department

93 responses



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ATME College of Engineering, Mysuru

Department of Electrical and Electronics Engineering

ATME College of Engineering

ISO 9001:2015

Department of Electrical and Electronics Engineering

Feedback Form

1. **Student Name:** TASMIYA DOUHA
2. **USN:** 4AD17EE039
3. **Activity:** Technical Hobby Club [Technical quiz] [Technical crossword]
4. **Venue:** Department of EEE - ATME [EE004]
5. **Date:** 25/09/2019 to 06/11/2019.

Tick the appropriate Feedback response:

SL.No.	Parameters	Excellent	Very Good	Good	Satisfactory
1	Objectives & Outcomes of the event met your expectation		✓		
2	Effectiveness of discussion, Knowledge gained from the Activity		✓		
3	Overall, how do you rate the activity in terms of skill enhancement		✓		
Suggestions	Conduct similar activities in future.				
	Signature with Date	Tasmiya Douha 08/11/2019			

ATME College of Engineering

ISO 9001:2015

Department of Electrical and Electronics Engineering

Feedback Form

1. **Student Name:** VARUN.A
2. **USN:** 4AD17EE040
3. **Activity:** Technical hobby club [Technical quiz, Appdevelopment, Technical crosswords]
4. **Venue:** Department of EEE - ATMECE [EE004]
5. **Date:** 25/09/2019 to 06/11/2019

Tick the appropriate Feedback response:

SL.No.	Parameters	Excellent	Very Good	Good	Satisfactory
1	Objectives & Outcomes of the event met your expectation	✓			
2	Effectiveness of discussion, Knowledge gained from the Activity		✓		
3	Overall, how do you rate the activity in terms of skill enhancement.	✓			
Suggestions	NA				
	Signature with Date	Varun A 8/11/2019			

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

Department of Electrical and Electronics Engineering

Paper Presentation Activity

ATME College of Engineering

Department of Electrical and Electronics Engineering

Report

Paper presentation in INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE & TECHNOLOGY (ICRTST - 2020)

Link: http://icrtst.atme.in/assets/ICRTST-2020%20Proceeding.pdf

Learner Activity

USN	NAME	Learner Type
4AD16EE040	SANGEETHA B	Advanced Learner
4AD16EE026	NIKITHA M E	Average Learner
4AD16EE023	MOHITH R	Advanced Learner

DESIGN OF MOTORISED WHEELCHAIR FOR PARAPLEGIC

Sangeetha B
UG student, Department of Electrical & Electronics Engineering
ATME College of Engineering
Mysuru, Karnataka, India
Sangeethasam4@gmail.com

Shreenhayana R
Assistant Professor, Department of Electrical & Electronics Engineering
ATME College of Engineering
Mysuru, Karnataka, India
Shreenhayana@gmail.com

Abstract: The Wheel Chair is a mobility vehicle intended for moving patients, disabled, matured individuals, aged who experience issues and can't stroll starting with one spot then onto the next with the assistance of participant or by methods for self-pushing. First wheelchair model advanced long back in eighteenth century, yet fast improvement right now since mid of twentieth century. From that point forward, numerous assortments of models had been structured, reaching out into expansive scope of items. The wheel seat is partitioned into two distinct sorts dependent on the force utilized for portability i.e Manually controlled wheelchairs and Electric propelled wheelchairs. Manual controlled wheelchairs are driven by manual force which are again arranged into foldable and non - foldable with or without cabinet structure. Mobility impairing disorders causes a person to use the wheel chair. The paper presents an ergonomically designed low cost Motorised wheelchair for Paraplegic patients who have both lower limbs paralyzed and have upper body strength to propel the wheelchair. The model designed has been customized as per the standard design and suggestions of doctor. Joystick is used for controlling the motion and the results for smooth and inclined surface is tabulated.

Keywords: DC Motor; Motorised; Paraplegic

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

INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE & TECHNOLOGY (ICRTST - 2020)

DESIGN OF WATER WASTE COLLECTOR BY SEABIN

Vinod Kumar P
Assistant Professor, Department of EEE
ATME College of Engineering
Mysuru, India
vinodatme@gmail.com

Mohith R & Nikitha M E
UG Student, Department of EEE
ATME College of Engineering
Mysuru, India
mohithranganath1997@gmail.com, nikithae123@gmail.com

Abstract: Water is the fundamental requirement for the presence of life on the earth. Disregarding 70% water on earth lion's share of water isn't reasonable for drinking reason. There is an immense interest of clean water as it is utilized for assortment of direction, for example, drinking, washing, cleaning, cooking and so forth now-a-days despite the fact that automation assumes an imperative job in every single mechanical application in the best possible removal of waste from water bodies and business are as yet a difficult assignment .the central capacity of programmed water squander authority framework is to gather also arrange the strong waste to the waste container with the assistance of forks. Strong waste in water bodies (channels, lakes, lakes and so forth) incorporates void jugs, polythene packs, papers and so forth. As these squanders are hurtful to nature and are should have been cleaned, in this way these pollutions are should have been set aside out effort to time for the water to stay clean. Water can be cleaned consistently by the assistance of model utilizing the drive framework to expel the strong waste and tossed it into squander container. This paper is planned with the goal to start the productive working of framework. The paper which proposed model consequently cleans the water each time polluting influence shows up, and forks which are driven by chain sprocket handle the strong waste and tossed it into the waste collector. It even lessens the expense of physical work just as decreases the danger to human life. Instruments utilized for our plan is such a way, that it gathers the waste which glides on water bodies and gathered waste can be effectively arranged into the receptacle, our item cleans squanders discovered, for example, plastic squanders, wreaths , bottles and different squanders discovered coasting on water. Our proposed paper utilizes unique chain drive framework, DC engine, DC battery, bearing, shaft, transporter and waste storage bin to fill in as programmed water cleaning framework.

Keywords: Conveyor belt; GSM module (SIM900); Ultrasonic sensors; Arduino; Waste collection bin

ATME College of Engineering

INTERNATIONAL CONFERENCE
on Recent Trends in Science & Technology
Date:17th & 18th June 2020
(ICRTST - 2020)

CERTIFICATE

This is to certify that Mr/Mrs/Ms/Dr/Prof *Sangeetha B*

UG Student ATMECE,Mysuru

has presented paper entitled *Design of Motorised Wheelchair for Paraplegic*

in the "INTERNATIONAL CONFERENCE on Recent Trends in Science & Technology (ICRTST - 2020)"
organized by ATME College of Engineering, Mysuru held on 17th and 18th June 2020.

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

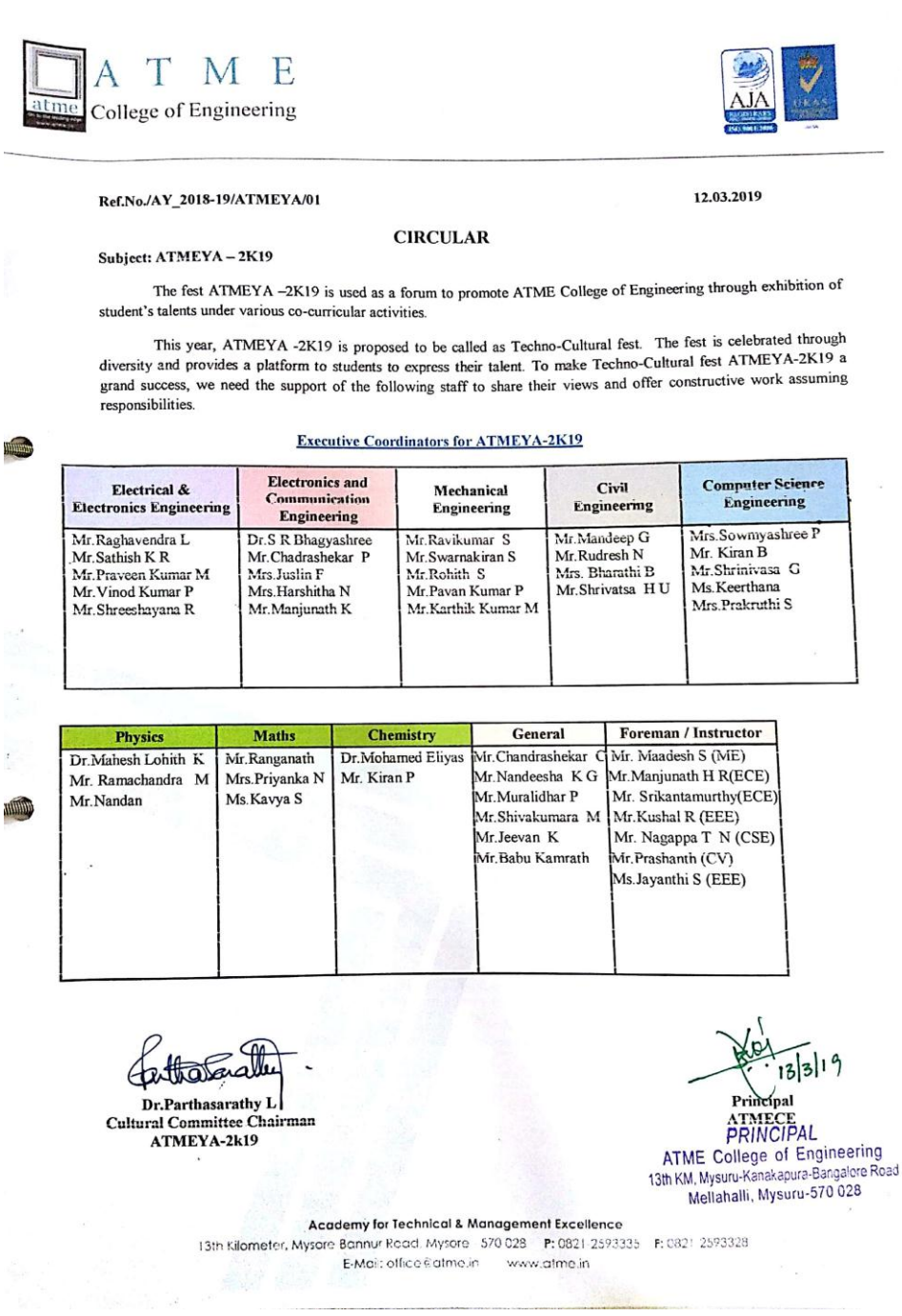
Dr. Basavaraj L
Principal
ATMECE, Mysuru

Department of Electrical and Electronics Engineering

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

Department of Electrical and Electronics Engineering

Sample Circular



ATME College of Engineering

Ref.No./AY_2018-19/ATMEYA/01 12.03.2019

CIRCULAR

Subject: ATMEYA – 2K19

The fest ATMEYA –2K19 is used as a forum to promote ATME College of Engineering through exhibition of student's talents under various co-curricular activities.

This year, ATMEYA -2K19 is proposed to be called as Techno-Cultural fest. The fest is celebrated through diversity and provides a platform to students to express their talent. To make Techno-Cultural fest ATMEYA-2K19 a grand success, we need the support of the following staff to share their views and offer constructive work assuming responsibilities.

Executive Coordinators for ATMEYA-2K19

Electrical & Electronics Engineering	Electronics and Communication Engineering	Mechanical Engineering	Civil Engineering	Computer Science Engineering
Mr.Raghavendra L Mr.Sathish K R Mr.Praveen Kumar M Mr.Vinod Kumar P Mr.Shreeshayana R	Dr.S R Bhagyashree Mr.Chadrashekar P Mrs.Juslin F Mrs.Harshitha N Mr.Manjunath K	Mr.Ravikumar S Mr.Swarnakiran S Mr.Rohith S Mr.Pavan Kumar P Mr.Karthik Kumar M	Mr.Mandeep G Mr.Rudresh N Mrs. Bharathi B Mr.Shrivatsa H U	Mrs.Sowmyashree P Mr. Kiran B Mr.Shrinivasa G Ms.Keerthana Mrs.Prakruthi S

Physics	Maths	Chemistry	General	Foreman / Instructor
Dr.Mahesh Lohith K Mr. Ramachandra M Mr.Nandan	Mr.Ranganath Mrs.Priyanka N Ms.Kavya S	Dr.Mohamed Eliyas Mr. Kiran P	Mr.Chandrashekar C Mr.Nandeesha K G Mr.Muralidhar P Mr.Shivakumara M Mr.Jeevan K Mr.Babu Kamrath	Mr. Maadesh S (ME) Mr.Manjunath H R(ECE) Mr. Srikantamurthy(ECE) Mr.Kushal R (EEE) Mr. Nagappa T N (CSE) Mr.Prashanth (CV) Ms.Jayanthi S (EEE)

Dr.Parthasarathy L
Cultural Committee Chairman
ATMEYA-2k19

13/3/19
Principal
ATMECE
PRINCIPAL
ATME College of Engineering
13th KM, Mysuru-Kanakapura-Bangalore Road
Mellahalli, Mysuru-570 028

Academy for Technical & Management Excellence
13th Kilometer, Mysore Bannur Road, Mysore 570 028 P: 0821 2593335 F: 0821 2593328
E-Mail: office@atme.in www.atme.in

Department of Electrical and Electronics Engineering

Curricular and Extra-Curricular Activity Collage

Department of Electrical and Electronics Engineering

Socio-Cultural Activities

Winner in Cultural Activity

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

Department of Electrical and Electronics Engineering

Certificate Samples

ATME College of Engineering

ATME College of Engineering, Mysuru

Certificate

Mr./Ms. Sanjana S (4AD15EE027), Dept of EEE

has participated in Fashionista

event of Annual Cultural Fest "ATMEYA-2K19" with the theme

"Arise Awake Adopt Orphans" held on 26/4/2019

Dr. Parthasarathy L
Cultural Committee -Chairman
ATME College of Engineering

Dr. L Basavaraj
Principal
ATME College of Engineering

ATME College of Engineering

ATME College of Engineering, Mysuru

Certificate

Mr./Ms. Simrah Fathima (4AD17EE030) Dept of EEE

has participated in Fashionista

event of Annual Cultural Fest "ATMEYA-2K19" with the theme

"Arise Awake Adopt Orphans" held on 26/4/2019

Dr. Parthasarathy L
Cultural Committee -Chairman
ATME College of Engineering

Dr. L Basavaraj
Principal
ATME College of Engineering

ATME College of Engineering

ATME College of Engineering, Mysuru

Certificate

Mr./Ms. Gagana S (4AD17EE011), Dept of EEE

has participated in Flash Mob

event of Annual Cultural Fest "ATMEYA-2K19" with the theme

"Arise Awake Adopt Orphans" held on 24/04/2019

Dr. Parthasarathy L
Cultural Committee -Chairman
ATME College of Engineering

Dr. L Basavaraj
Principal
ATME College of Engineering

ATME College of Engineering

ATME College of Engineering, Mysuru

Certificate

Mr./Ms. Mamatha (4AD17EE018), Dept of EEE

has participated in Flash Mob

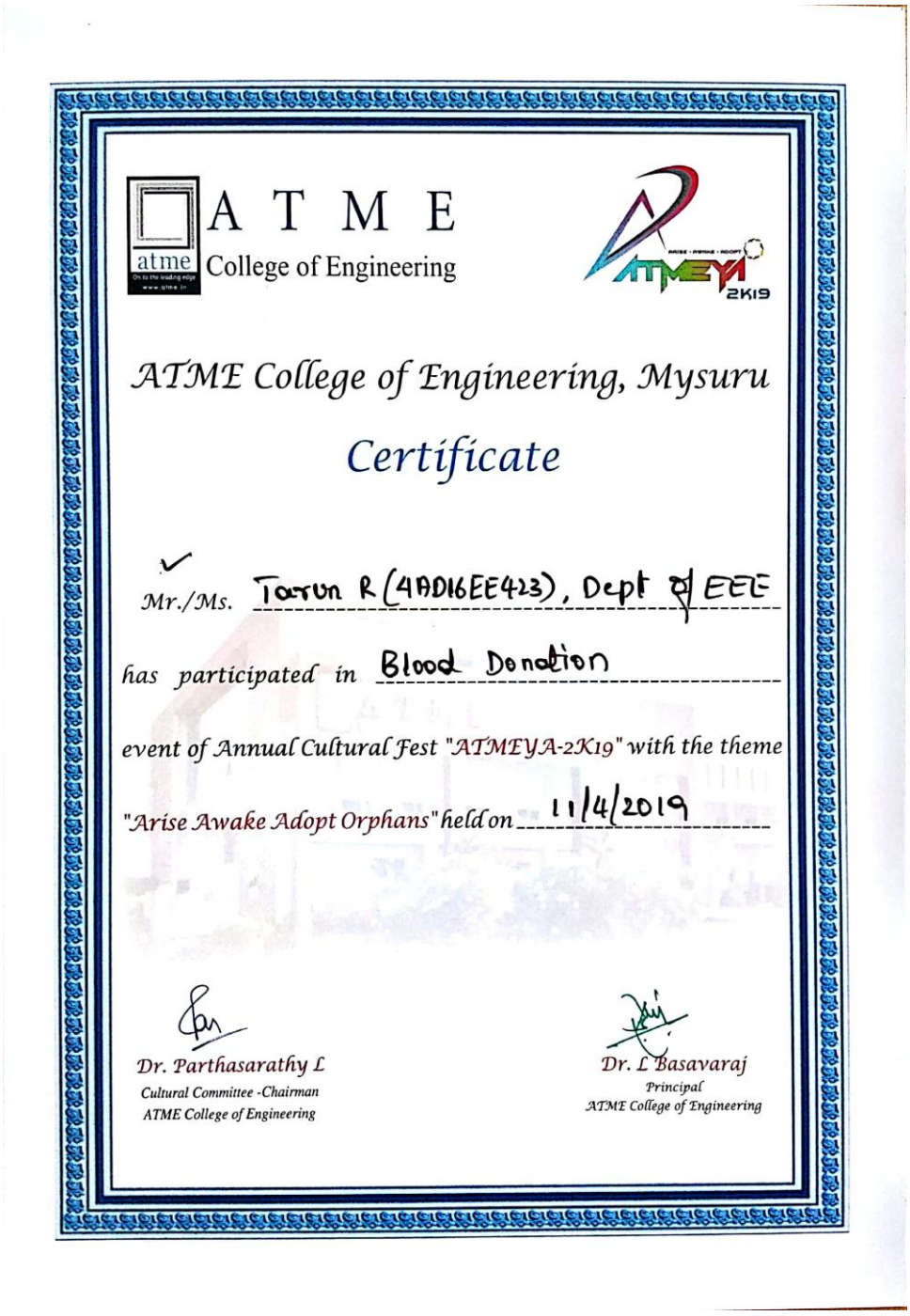
event of Annual Cultural Fest "ATMEYA-2K19" with the theme

"Arise Awake Adopt Orphans" held on 24/04/2019

Dr. Parthasarathy L
Cultural Committee -Chairman
ATME College of Engineering

Dr. L Basavaraj
Principal
ATME College of Engineering

Department of Electrical and Electronics Engineering



ATME College of Engineering

ATMEYA 2K19

ATME College of Engineering, Mysuru

Certificate

Mr./Ms. Tarun R (4AD16EE423), Dept of EEE

has participated in Blood Donation

event of Annual Cultural Fest "ATMEYA-2K19" with the theme "Arise Awake Adopt Orphans" held on 11/4/2019

Dr. Parthasarathy L
Cultural Committee -Chairman
ATME College of Engineering

Dr. L Basavaraj
Principal
ATME College of Engineering

Group Assignment activity

Department of Electrical and Electronics Engineering

Assignments are offered by combining Advanced and slow learners to solve university Question papers for different courses. The Solved papers are later released to all students for Examination preparation

Sample Circular

ATME College of Engineering

Department of Electrical and Electronics Engineering

4th May 2019

The following students are informed to solve four VTU questions paper **(under self learning activity)** of Dec/Jan 2018-19(both 15 series and 10 series) and Jun/July 2017-18(both 15 series and 10 series) of only allotted course and module. Submit on or before 8th May 2019 at 11 AM. Students are advised to use A4 size sheet, leaving margin of 1.5 cm of all sides.

		Course	15EE61 - CS	15EE62 - PSA I	15EE63 - DSP	15EE64 - EMD
		Faculty Handling	RKS	SSR	SH	HOD
Sl. No.	USN	Student Name	Module No.	Module No.	Module No.	Module No.
1	4AD16EE002	AKHILA SHARMA M D	M1	Nil		
2	4AD16EE004	AMRUTHA S				
3	4AD16EE003	AMRUTHESH H K				
4	4AD16EE005	ASHWINI M N				
5	4AD16EE006	BHAVYA G				
6	4AD16EE007	CAROL SUSAN ANIL				
7	4AD16EE008	CHANDAN V	M2			
8	4AD16EE009	DARSHAN KUMAR S				
9	4AD16EE010	FALKIYA TAHAREEM				
10	4AD16EE011	G A SAMRA KHANUM				
11	4AD16EE012	HARSHAN M				
12	4AD16EE013	HARSHITHA S				
13	4AD16EE015	JAYAKUMAR B	M3			
14	4AD16EE016	KARTHIK H R				
15	4AD16EE405	MADHUSUDHANA V				
16	4AD16EE018	MAHADEVAPRASAD C K				
17	4AD16EE020	MAMATHA				
18	4AD17EE402	MANJUNATHA H S				
19	4AD16EE022	MOHAMED ASSIM	Nil	M1	Nil	
20	4AD16EE408	MOHAMED ATHEEQ				
21	4AD16EE021	MOHAMED IMADUDDIN				
22	4AD17EE403	MOHAMMED TOUFEEQH M R				
23	4AD16EE023	MOHIT R				
24	4AD17EE404	MONASHREE B K				
25	4AD15EE019	MONICA R	Nil	M2	Nil	
26	4AD16EE024	MUZAMMIL AHMED				
27	4AD16EE410	NIHAR AHMED				
28	4AD16EE025	NIKHIL P N				
29	4AD16EE026	NIKITHA M E				
30	4AD17EE405	NISARGA G M				
31	4AD17EE406	NUTHAN GOWDA B L	Nil	M3	Nil	
32	4AD16EE027	PALLAVI K R				
33	4AD17EE407	PALLAVI R				
34	4AD16EE412	PARAMESHA H N				
35	4AD16EE028	POOJA H				
36	4AD16EE029	POOJA K R				

Department of Electrical and Electronics Engineering

37	4AD16EE030	POORNACHANDRASAGAR N	Nil	**M1**	Nil
38	4AD16EE031	PRASAD M S			
39	4AD16EE032	PRASHANT B			
40	4AD15EE025	PREETHI JESWITA			
41	4AD16EE414	PRUTHVIRAJ N			
42	4AD16EE033	RACHANA Y L			
43	4AD16EE035	RAKSHITHA S	Nil	**M2**	Nil
44	4AD16EE037	SAGAR S D			
45	4AD16EE038	SANDHYA R			
46	4AD16EE039	SANGEETHA A C			
47	4AD16EE040	SANGEETHA B			
48	4AD15EE030	SHARADH S			
49	4AD17EE408	SHARATH K R	Nil	**M3**	Nil
50	4AD16EE421	SHARATH SUBRHAMANYA M K			
51	4AD16EE041	SHASHANK S			
52	4AD15EE033	SHAZIM SHARIFF S			
53	4AD17EE409	SHEETAL U BOODIHAL			
54	4AD16EE042	SHOBHITHA S N			
55	4AD16EE043	SHREENIDHI M	Nil		**M1**
56	4AD16EE044	SHWETHA B V			
57	4AD15EE035	SIDDHARTHA H S			
58	4AD16EE045	SOUNDARYA B T			
59	4AD17EE411	SOWPARNIKA H R			
60	4AD16EE046	SRINIDHI D S			
61	4AD16EE047	SUHAS H S	Nil		**M2**
62	4AD16EE049	SUPRITHA T B			
63	4AD16EE423	TARUN R			
64	4AD17EE412	TEJASWI H S			
65	4AD16EE051	VIKRAM Y			
66	4AD17EE413	VISHAL G MIRJI	Nil		**M3**
67	4AD16EE054	YASHWANTH KUMAR H S			
68	4AD16EE052	YASHWANTH N			
69	4AD16EE053	YASHWANTH RAJU R			
70	4AD13EE042	YASWANTH N			

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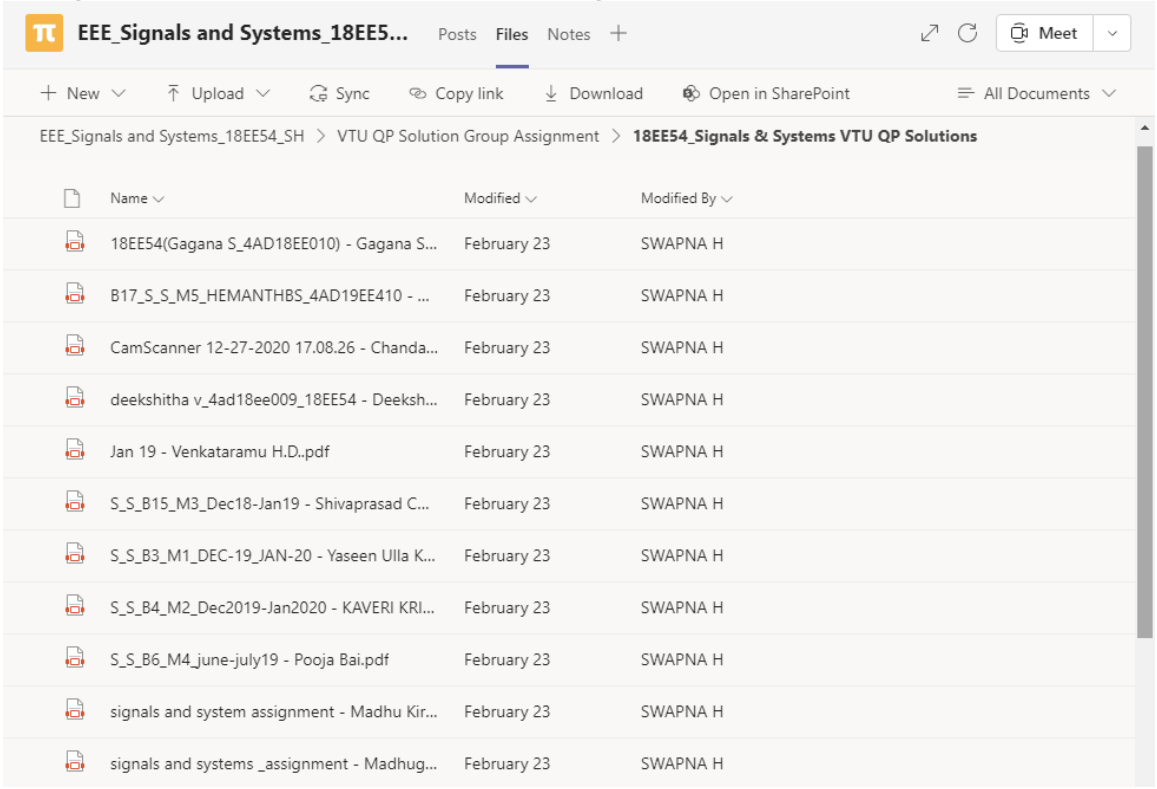
Professor and HOD
Dept of Electrical & Electronics Engineering

Department of Electrical and Electronics Engineering

Assignment Shared with students through MS Teams



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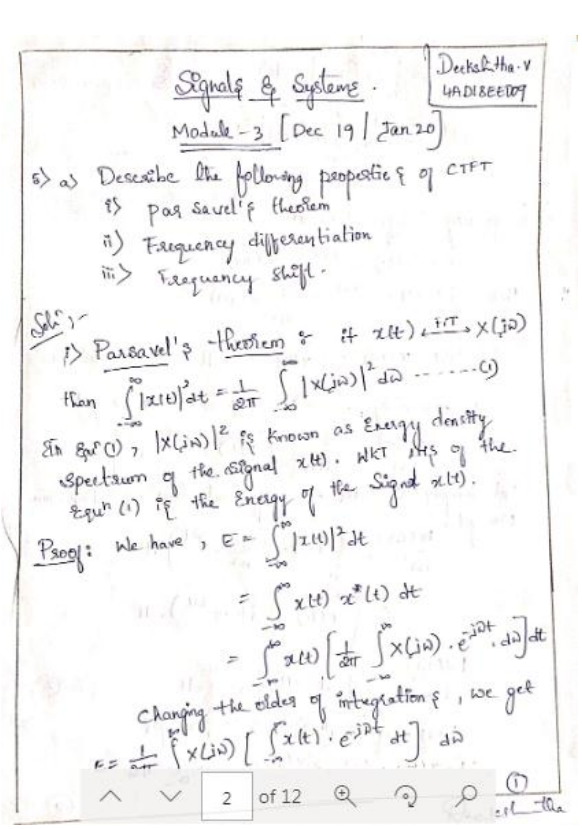
Professor and HOD
Dept of Electrical & Electronics Engineering

Department of Electrical and Electronics Engineering

Sample Report

Electrical & Electronics Engineering	
Course	Signal & systems
Question paper years	Dec 19 / Jan 20
Course code	18EE54
Semester	5th
Module no.	3

Sl. No	USN	Student Name	Signature
1	4AD18EE	Nayana. H.S	
2	4AD18EE009	Deekshitha. V	Deekshitha
3	4AD18EE0	Vinod. H.V	



Signals & Systems. — Deekshitha. V 4AD18EE009

Module - 3 [Dec 19 / Jan 20]

5) a) Describe the following properties of CTFT
i) Parsavel's theorem
ii) Frequency differentiation
iii) Frequency shift.

Sol:-

i) Parsavel's theorem :- If $x(t) \xleftrightarrow{F.T} X(j\omega)$

then $\int_{-\infty}^{\infty} |x(t)|^2 dt = \frac{1}{2\pi} \int_{-\infty}^{\infty} |X(j\omega)|^2 d\omega$ ------(1)

In Eqn (1), $|X(j\omega)|^2$ is known as Energy density spectrum of the signal $x(t)$. WKT LHS of the Eqn (1) is the Energy of the Signal $x(t)$.

Proof: We have, $E = \int_{-\infty}^{\infty} |x(t)|^2 dt$

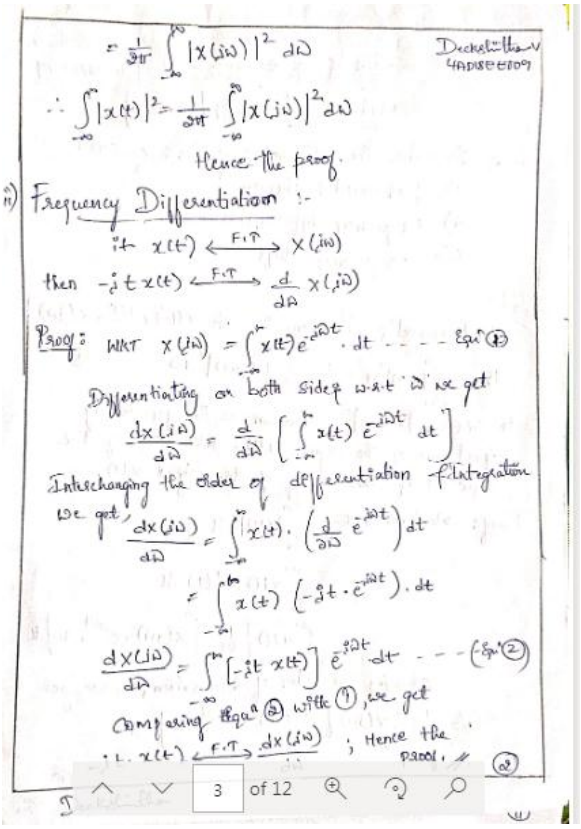
$= \int_{-\infty}^{\infty} x(t)\, x^*(t)\, dt$

$= \int_{-\infty}^{\infty} x(t) \left[\frac{1}{2\pi} \int_{-\infty}^{\infty} X(j\omega) \cdot e^{j\omega t} \cdot d\omega\right] dt$

Changing the orders of integration, we get

$E = \frac{1}{2\pi} \int_{-\infty}^{\infty} X(j\omega) \left[\int_{-\infty}^{\infty} x(t) \cdot e^{j\omega t} dt\right] d\omega$

2 of 12



$= \frac{1}{2\pi} \int_{-\infty}^{\infty} |X(j\omega)|^2 d\omega$ — Deekshitha. V 4AD18EE009

$\therefore \int_{-\infty}^{\infty} |x(t)|^2 = \frac{1}{2\pi} \int_{-\infty}^{\infty} |X(j\omega)|^2 d\omega$

Hence the proof.

ii) Frequency Differentiation :-

If $x(t) \xleftrightarrow{F.T} X(j\omega)$

then $-jt\, x(t) \xleftrightarrow{F.T} \frac{d}{d\omega} X(j\omega)$

Proof: WKT $X(j\omega) = \int_{-\infty}^{\infty} x(t) e^{-j\omega t} \cdot dt$ ---- Eqn (1)

Differentiating on both sides w.r.t ω we get

$\frac{dX(j\omega)}{d\omega} = \frac{d}{d\omega} \left[\int_{-\infty}^{\infty} x(t)\, e^{-j\omega t}\, dt\right]$

Interchanging the order of differentiation & integration we get

$\frac{dX(j\omega)}{d\omega} = \int_{-\infty}^{\infty} x(t) \cdot \left(\frac{d}{d\omega} e^{-j\omega t}\right) dt$

$= \int_{-\infty}^{\infty} x(t) \left(-jt \cdot e^{-j\omega t}\right) \cdot dt$

$\frac{dX(j\omega)}{d\omega} = \int_{-\infty}^{\infty} \left[-jt\, x(t)\right] e^{-j\omega t} dt$ ---- (Eqn 2)

Comparing Eqn (2) with (1), we get

$\therefore x(t) \xleftrightarrow{F.T} \frac{dX(j\omega)}{d\omega}$; Hence the proof.

3 of 12

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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.

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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.	7th (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	7th (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	7th (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	5th & 7th (54 Students + 72 Students)	TAP
5		15/10/2019	Technical Talk	Technical Talk on Microsoft Certification by Mr. Sandiip Jethani, Director and Mr. Manish, Marketing Head from ATS Learning Solution	3rd & 5th (58 Students + 54 Students)	TAP
6		15/10/2019	Technical Talk	Technical talk on Startup Engineering by Mr.Bhushan A Matad, Professor, MSRIT	7th (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	7th (54Students)	TAP
8		27th 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.	7th (54Students)	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 [2019-2020]

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Mock Interview:

Conducted by IES Training Academy, Prof.Narasimhamurthy & Team

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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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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

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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	Reactivve 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 Horiculture
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

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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 spped 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	Multissensor 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

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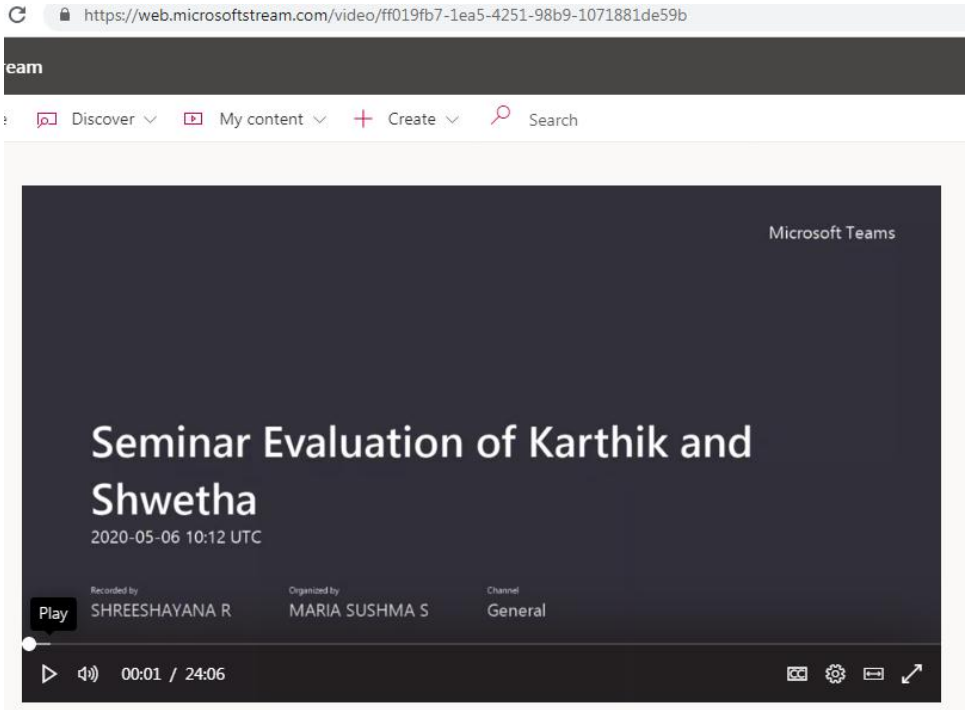
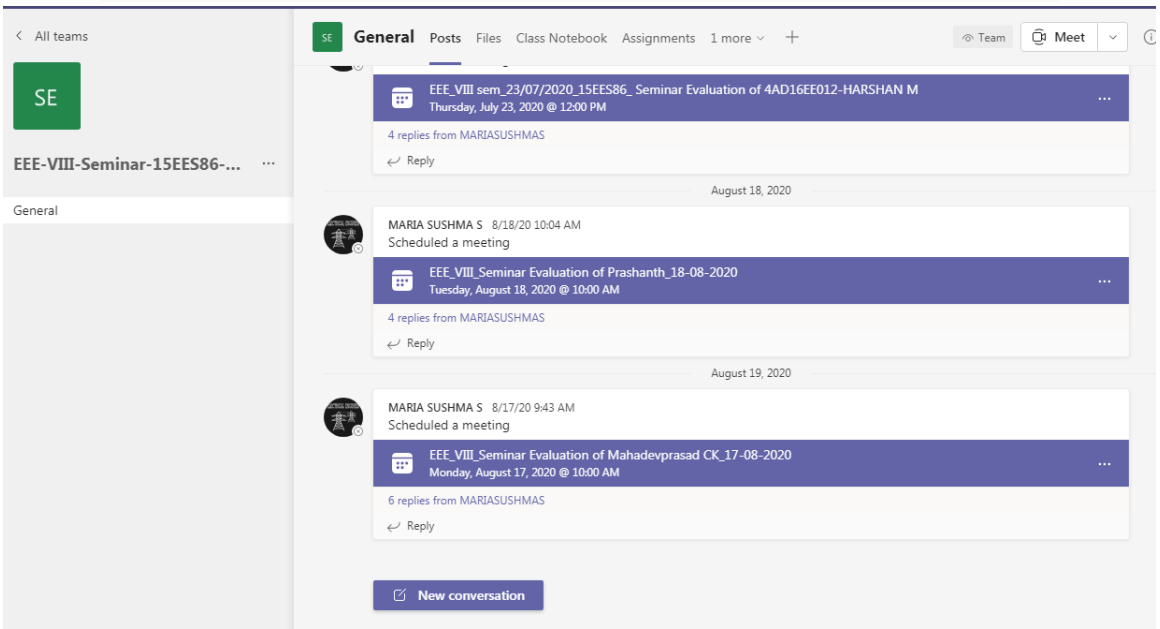
Evaluation in MS Teams

AY:2019-2020





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SEMINAR

DEREGULATION MARKET USING DISTRIBUTION GENERATION

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

Presented By:
Supritha TB(4AD16EE049)

11-Apr-20

1

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Technical Seminar Delivery by Experts is also conducted to enhance students learning Perspective

Fig: session delivered by expert

Technical Talk on "Smart Grid Initiatives in India"

Department of Electrical and Electronics Engineering, ATMECE, Mysuru had organised a Technical Talk on "Smart Grid Initiatives in India" on 4th September 2019. Er. HumeeraHaneef, Assistant Executive Engineer, CESC, Mysuru and Er. Manju K, Assistant Engineer, CESC, Mysuruwas the Resource person.

Guest of honour, Dr.LBasavaraj, Principal, ATME College of Engineering, Mysuru said that the intention of these kinds of program is to achieve practical exposure and to make the student industry ready. He appeal the students to make use of the opportunity give to them. Dr.Parthasarathy L, Head, Department of Electrical and Electronics Engineering presided and said it is our job to upgrade our knowledge. Technology is changing and when it comes to smart grid it changes the way we look into the power system and he advised the participants to utilise the knowledge gained effectively.

Er. HumeraHaneef, Assistant Executive Engineer, CESC, Mysuru explains the Journey of Smart Grid in CESC Mysore and its implementation in Mysuru city. She emphasize on customers participation in smart grid and its advantage over convention method.

Er. Manju K, AssistantEngineer, CESC, Mysuru explains about fault clearing techniques and how to reduce peak demand without load shedding in smart grid.

In the valedictory, Resource Person, Er. HumeraHaneef, Er. Manju K,Dr.Parthasarathy L, HoD,Raghavendra L, Event Coordinators, Faculty of the department were present.

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Practical lab Sessions to get Hands-on experience

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 µVision 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
0x8100	0x12
0x8101	0x24
0x8102	0x56
0x8103	0XFF
0x8104	0xEE
0x8105	0xAB
0x8106	0x10
0x8107	0x03
Before exec	

Address	Data
0x8200	0x12
0x8201	0x24
0x8202	0x56
0x8203	0xFF
0x8204	0xEE
0x8205	0xAB
0x8206	0x10
0x8207	0x03
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

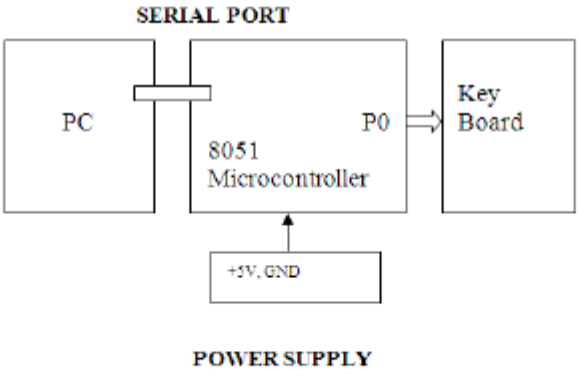

Fig 1.6.: Block diagram LCD and Keypad interface

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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

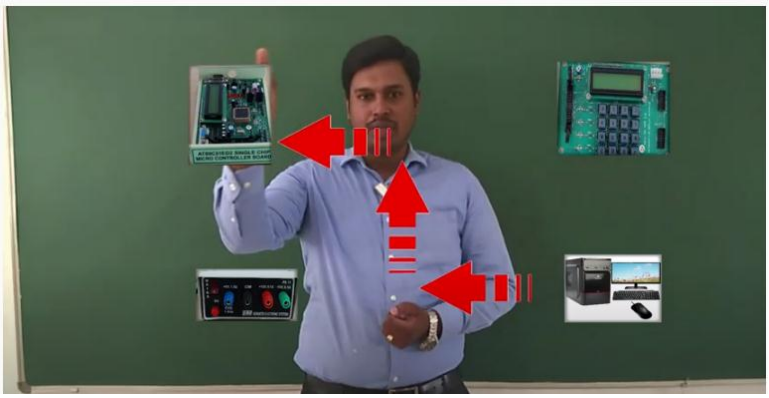
At the end of the execution, C program is written for LCD interfacing and the Characters are observed.

Hobby Project circuit:

https://www.electronicshub.org/interfacing16x2-lcd-with-pic-microcontroller/

https://www.electronicshub.org/interfacing-16x2-lcd-avr-microcontroller/

Explanatory Videos are provided



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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

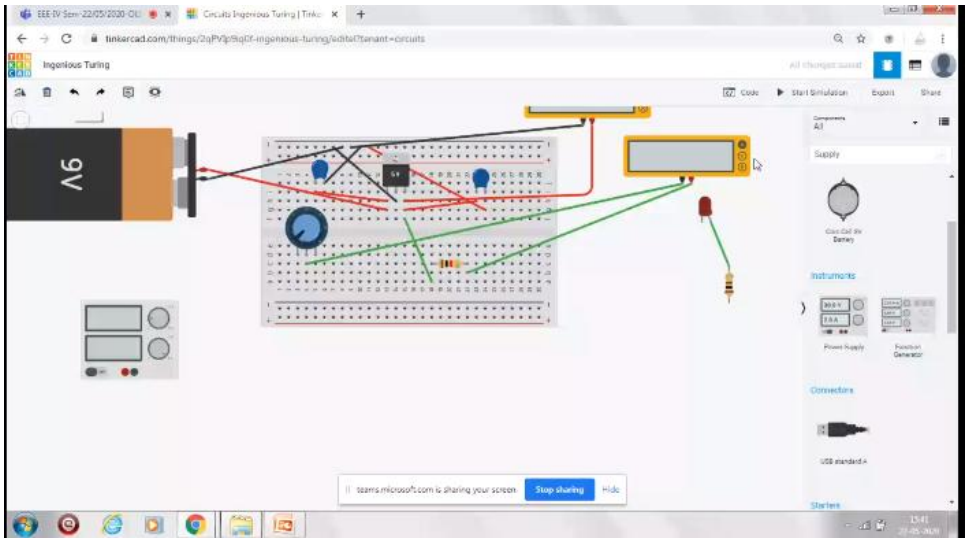
YASEEN ULLA KHAN	4AD18EE030
VENKATARAMU H D	4AD19EE427

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

ATME College of Engineering

Virtual Lab Experiment using simulation tools are conducted:

OLIC Lab:Tinked CAD



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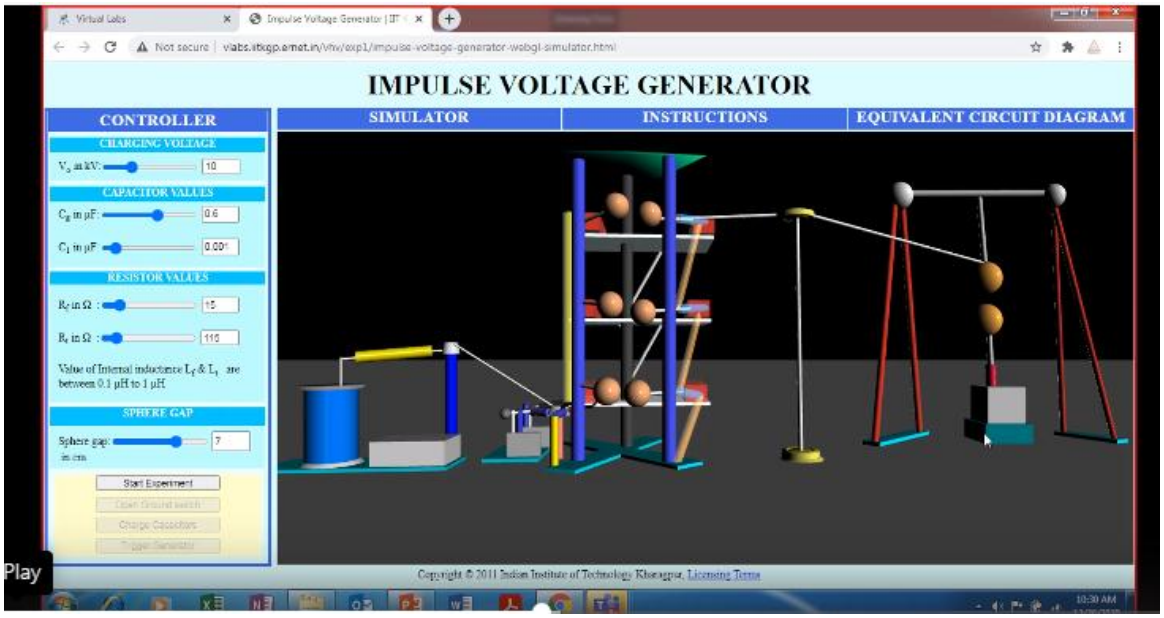
VIRTUAL Lab: Relay and HV Lab



Students are assigned different case studies work to submit report

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI

RELAY AND HIGH VOLTAGE VIRTUAL LAB

"To Measure the Dielectric Strength of Transformer Oil"

Submitted by

HASEEBULLA BAIG (4AD17EE013)
MOHAMMED HUZAIF (4AD17EE022)
SIMRAH FATHIMA (4AD17EE034)
SYED RAWOOFUR RAHMAN (4AD17EE038)

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

ATME College of Engineering

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

To Measure the Dielectric Strength of Transformer Oil

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:

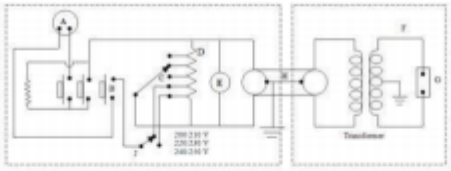


Fig 4: Portable oil testing set (50 kV)

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

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:

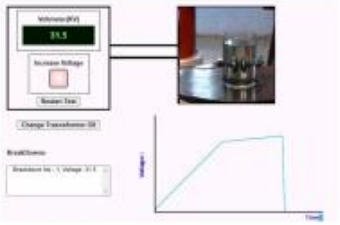
1. Place the High Voltage transformer unit about 7 away from the control unit.
2. The control unit is connected to supply voltage taking care that the earth connections are effective.
3. The multiple point control switch is set at its lowest tapping.
4. The push button on control unit is pressed firmly 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:



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Additional Hour session for identified courses

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To enhance the problem solving ability, Numerical oriented courses and courses where more explanation can be offered, additional Hour is offered.

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Additional Hour Session

Based on the previous results, student ability to grasp the course extra sessions are offered to Identified courses.

a. University Allotted Hours for courses:

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Scheme of Teaching and Examination 2018 – 19
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)
(Effective from the academic year 2018 – 19)

III SEMESTER

Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques (Common to all Branches)	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18EE32	Electric Circuit Analysis	EEE	3	2	--	03	40	60	100	4
3	PCC	18EE33	Transformers and Generators	EEE	3	0	--	03	40	60	100	3
4	PCC	18 EE 34	Analog Electronic Circuits	EEE	2	2	--	03	40	60	100	3
5	PCC	18 EE 35	Digital System Design	EEE	3	0	--	03	40	60	100	3
6	PCC	18 EE 36	Electrical and Electronic Measurements	EEE	3	0	--	03	40	60	100	3
7	PCC	18 EE L37	Electrical Machines Laboratory - 1	EEE	--	2	2	03	40	60	100	2
8	PCC	18 EE L38	Electronics Laboratory	EEE	--	2	2	03	40	60	100	2
9	HSMC	18KVK39/49	Vyavaharika Kannada (Kannada for communication)/	HSMC	--	2	--	--	100	--	100	1
		18KAK39/49	Aadalitha Kannada (Kannada for Administration)									
		OR										
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
					Examination is by objective type questions							
				TOTAL	16 OR 17	10 OR 12	04	24 OR 26	420 OR 360	480 OR 540	900	24

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b. Extra Hour Alloted for Identified Courses:

III Semester A Sec:

A- Section Course Title	Course Title	University Alloted Hours	Total Hours Alloted	Course Handling Faculty
18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	4	4	Mrs. Priyanka N (PN)
18EE32	Electric Circuit Analysis	5	5	Dr. Parthasarathy L (HOD)
18EE33	Transformers & Generators	3	4	Mr. Raghavendra L **(RL)**
18EE34	Analog Electronic Circuits	4	4	Mr. Rajesh KS **(RKS)**
18EE35	Digital System Design	3	4	Mrs. Maria Sushma S **(MS)**
18EE36	Electrical & Electronic Measurements	3	4	Ms. Swapna H **(SH)**
18KAK39	Aadalitha Kannada	1	1	Mr. Nandeesh

B section-Course Title	Course Title	University Alloted Hours	Total Hours Handled	Course Handling Faculty
18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	4	4	Mr. Sudhakar N (SN)
18EE32	Electric Circuit Analysis	5	5	Mrs. Lakshmi K (LK)
18EE33	Transformers & Generators	3	4	Mr. Raghavendra L **(RL)**
18EE34	Analog Electronic Circuits	4	4	Mr. Rajesh KS (RKS)
18EE35	Digital System Design	3	4	Mrs. Maria Sushma S **(MS)**
18EE36	Electrical & Electronic Measurements	3	3	Ms. Swapna H **(SH)**
18KAK39	Aadalitha Kannada	1	1	Mr. Nandeesh
	DIPMATHS	-	3	Mrs. Priyanka N (PN)

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Time Table

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c. Faculty Individual Time Table handling Extra Tutorial Session

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS
TIME TABLE FOR ODD SEMESTER - 2019-20

Date: 09/10/2019 — Staff Name: Mr. Raghavendra L

DAY/TIME	9:00 - 10:00	10:00-11:00	11:15 - 12:15	12:15 - 1:15	1:15- 2:00	2:00- 2:55	2:55 - 3:50	3:50- 4:45
MONDAY							18EE33-A	17EE563
TUESDAY			18EE33-B	18EE33-B			17EE563	18EE33-A
WEDNESDAY	18EE33-B	EM-I LAB-Batch-1: RL+MP (SL+TS)						
THURSDAY	18EE33-A	EM-I LAB-Batch-2: MP+RL (SL+TS)				18EE33-A	18EE33-B	
FRIDAY	HV and Relay LAB Batch-1: SSR+RL (KR)			17EE563				
SATURDAY								

Course Code	Course Title	Semester	Contact Hours
18EE33	Transformers and Generators	III 'A'	4
18EE33	Transformers and Generators	III 'B'	4
17EE563	Renewable Energy Resources	V	3
EM1 Lab-B1,B2 HV Lab-B1		III, III, VII	9
Total Contact Hours Weekly			20

Co-ordinator

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

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ATME COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
TIME TABLE FOR ODD SEMESTER - 2019-20

Date: 09/10/2019 — Staff Name: Maria Sushma S

DAY/TIME	9:00 - 10:00	10:00-11:00	11:15 - 12:15	12:15 - 1:15	1:15- 2:00	2:00- 2:55	2:55 - 3:50	3:50- 4:45
MONDAY		18EE35-B	15EE742	15EE742		18EE35-B		
TUESDAY	18EE35-A			15EE742		18EE35-A		18EE35-B
WEDNESDAY	18EE35-A	15EE742						
THURSDAY		EL LAB-Batch-1: SH+MS (CH)				MC LAB- Batch-3: MS (KR)		
FRIDAY	PSS LAB Batch-3: MS (SM)			18EE35-B		18EE35-A		
SATURDAY								

Course Code	Course Title	Semester	Contact Hours
18EE35	Digital System Design	III-A	4
18EE35	Digital System Design	III-B	4
15EE742	Utilization of Electrical Power	VII	4
EL Lab-B1, MC Lab-B3, PSS Lab-B3		I, V,VII	9
Total Contact Hours Weekly			21

Co-ordinator

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

ATME College of Engineering

Department of Electrical and Electronics Engineering

ATME COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS

TIME TABLE FOR ODD SEMESTER - 2019-20

Date: 09/10/2019

Staff Name: Ms. Swapna H

DAY/TIME	9:00 - 10:00	10:00-11:00	11:15 - 12:15	12:15 - 1:15	1:15- 2:00	2:00- 2:55	2:55 - 3:50	3:50- 4:45
MONDAY	18EE36-A		18EE36-B			HV and Relay LAB Batch-2: SSR+SH (KR)		
TUESDAY		PE LAB Batch-3: KRS+SH (CH)					18EE36-A	
WEDNESDAY								18EE36-B
THURSDAY		EL LAB-Batch-1: SH+MS (CH)				PE LAB Batch-1: SH+RKS (CH)		
FRIDAY	18EE36-A		18EE36-B					18EE36-A
SATURDAY								

Course Code	Course Title	Semester	Contact Hours
18EE36	Electrical and Electronic Measurements	III-A	4
18EE36	Electrical and Electronic Measurements	III-B	3
17EE54	Signals and Systems	V	4
PE Lab-B1-B3, HV Lab-B2, EL Lab-B1		V V,VII, III	12
Total Contact Hours Weekly			23

Co-ordinator

HOD

Dr. PARTHASARATHY L.
Professor and HOD

d. Sample Lesson Plan & Attendance Report

Faculty member: Mrs.Maria Sushma S

Course:Digital System Design

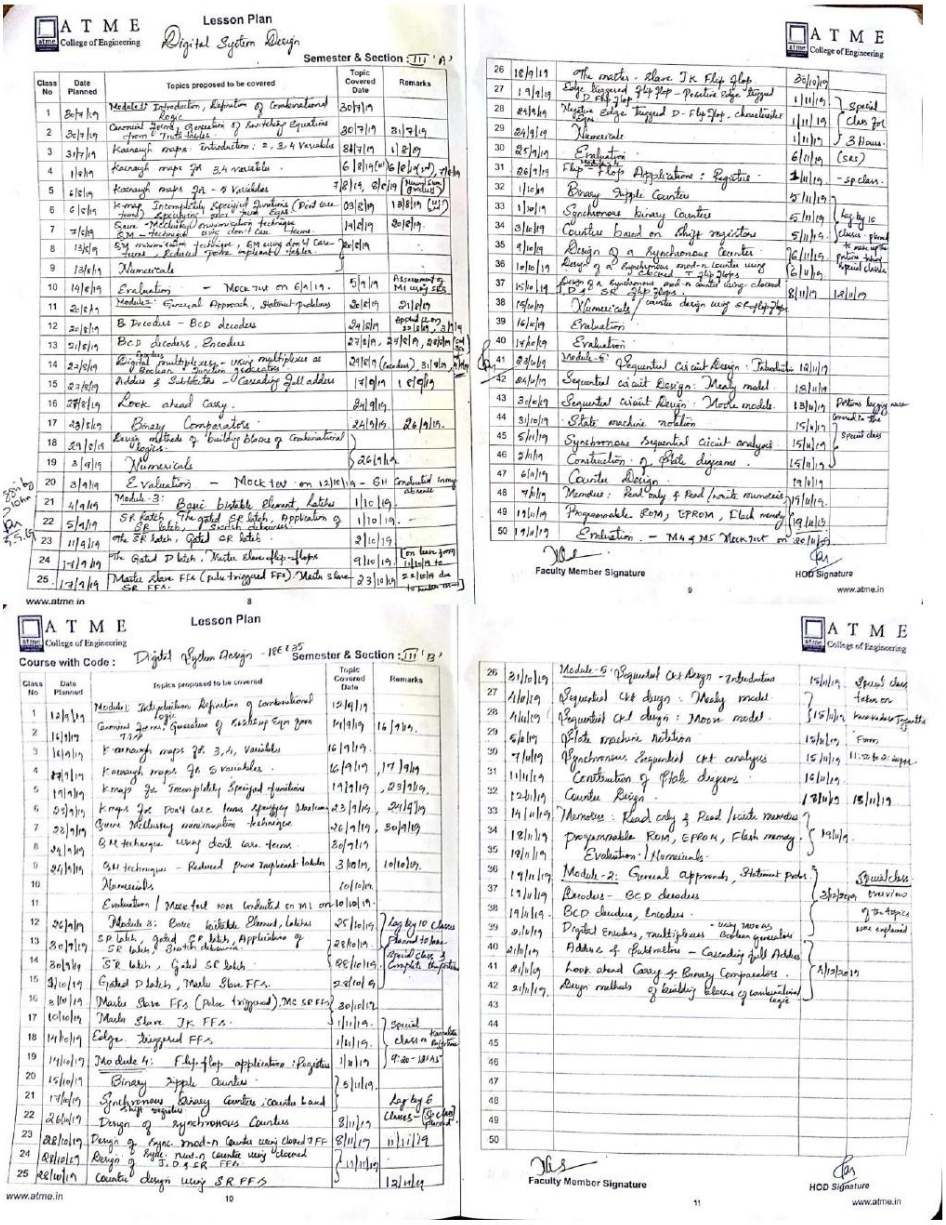
Course Code:18EE35

Department of Electrical and Electronics Engineering

Lesson Plan

ATME College of Engineering
Department of EEE Emitting Elite Energy

Department of Electrical and Electronics Engineering



ATME College of Engineering — Lesson Plan

Digital System Design — Semester & Section : III 'A'

Class No	Date Planned	Topics proposed to be covered	Topic Covered Date	Remarks
1	30/7/19	Module-1: Introduction, Definition of Combinational Logic	30/7/19	
2	30/7/19	Canonical forms, Generation of Switching Equations from Truth tables	30/7/19	31/7/19
3	31/7/19	Karnaugh maps: Introduction; 2, 3, 4 Variables	31/7/19	1/8/19
4	1/8/19	Karnaugh maps 3A 4 variables	6/8/19(A) 6/8/19(B)	7/8/19
5	2/8/19	Karnaugh maps QA - 5 Variables	7/8/19, 8/8/19	(Novel Gray Counter)
6	6/8/19	Karnaugh Incompletely Specified Functions (Don't care terms) Specifying	03/8/19	1/8/19 (W)
7	7/8/19	Quine-McCluskey minimization technique	14/8/19	8/8/19.
8	13/8/19	QM minimization technique, QM using Don't Care terms, Reduced Prime Implicant tables	26/8/19	
9	13/8/19	Numericals		
10	19/8/19	Evaluation - Mock test on 6/8/19.	5/9/19	Assessment of M1 using FFS
11	20/8/19	Module-2: General Approach, Statement-Problems	26/8/19	21/8/19
12	20/8/19	B Decoders - BCD decoders	26/8/19	copied as on 23/8/19 "A"
13	21/8/19	BCD Decoders, Encoders	27/8/19, 29/8/19, 20/8/19	
14	22/8/19	Digital multiplexers - Using multiplexers as Boolean function generators	29/8/19 (Tuesday), 31/8/19	
15	27/8/19	Adders & Subtractors - Cascading full adders	1/9/19	1 & 9/9/19
16	27/8/19	Look ahead Carry.	2/9/19,	
17	29/8/19	Binary Comparators.	24/9/19.	26/9/19.
18	29/8/19	Design methods & Building blocks of Combinational Logics:		
19	3/9/19	Numericals	26/9/19.	
20	3/9/19	Evaluation - Mock test on 12/9/19 - S11	conducted in my absence	
21	4/9/19	Module-3: Basic bistable Element, Latches	1/10/19.	
22	5/9/19	SR latch, The gated SR latch, Application of SR latch, Switch debouncer	1/10/19.	
23	11/9/19	The SR latch, Gated SR latch	2/10/19.	
24	12/9/19	The Gated D latch, Master Slave flip-flops	9/10/19.	Less learning outcomes 12/9/19 to 25/9/19 due to mission week
25	17/9/19	Master Slave FFs (Pulse triggered FFs) Master slave SR FFs.	23/10/19	25/10/19 due to mission week

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26	18/9/19	The master - Slave JK Flip Flop	28/10/19	
27	19/9/19	Edge Triggered Flip Flop - Positive edge Triggered D Flip Flop	1/11/19	Special Class for 3 Hours. (SAS)
28	24/9/19	Negative Edge Triggered D - Flip Flop, characteristic Equ.	1/11/19	
29	24/9/19	Numericals	1/11/19	
30	25/9/19	Evaluation.	6/11/19	
31	26/9/19	Flip - Flop Applications : Registers	1/10/19	- special class.
32	1/10/19	Binary Ripple Counter	5/11/19	
33	1/10/19	Synchronous binary Counters	5/11/19	Log by 10 classes
34	3/10/19	Counters based on shift registers	5/11/19	
35	9/10/19	Design of a Synchronous Counter	6/11/19	
36	10/10/19	Design of a Synchronous mod-n counter using JK FF	6/11/19	
37	15/10/19	Design of a Synchronous mod-n counter using clocked T, D & SR flip flops.	8/11/19	12/11/19
38	15/10/19	Numericals / Counter design using other flip flops		
39	16/10/19	Evaluation		
40	17/10/19	Evaluation		
41	22/10/19	Module-5: Sequential Circuit Design: Introduction	12/11/19	
42	24/10/19	Sequential circuit Design: Meely model	13/11/19	
43	31/10/19	Sequential circuit Design: Moore models	13/11/19	Pattern Recognizers Counters
44	31/10/19	State machine notation	15/11/19	
45	5/11/19	Synchronous Sequential Circuit analysis	15/11/19	Special class
46	7/11/19	Construction of State diagrams	15/11/19	
47	6/11/19	Counter Design	19/11/19	
48	7/11/19	Memories: Read only & Read/write memories	19/11/19	
49	13/11/19	Programmable ROM, EPROM, Flash memory	19/11/19	
50	14/11/19	Evaluation - M4 & M5 Mock test on	26/11/19	

Faculty Member Signature — HOD Signature

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ATME College of Engineering — Lesson Plan

Course with Code : Digital System Design - 18EE35 — Semester & Section : III 'B'

Class No	Date Planned	Topics proposed to be covered	Topic Covered Date	Remarks
1	12/9/19	Module-1: Introduction, Definition of Combinational Logic	12/9/19	
2	16/9/19	Canonical forms, Generation of Switching Eqn from Truth tables	14/9/19	16/9/19.
3	16/9/19	Karnaugh maps 3A 3, 4, Variables	16/9/19	
4	23/9/19	Karnaugh maps QA 5 variables	16/9/19	17/9/19
5	19/9/19	Karnaugh maps Incompletely Specified functions	19/9/19	23/9/19.
6	20/9/19	Karnaugh maps Don't care terms specifying Minimum	23/9/19	24/9/19
7	23/9/19	Quine McClusky minimization technique	26/9/19	30/9/19
8	24/9/19	QM technique using Don't care terms	30/9/19	
9	26/9/19	QM techniques - Reduced prime implicant tables	3/10/19,	10/10/19.
10		Numericals	10/10/19.	
11		Evaluation / Mock test conducted on M1 on	10/10/19.	
12	26/9/19	Module-3: Basic bistable Element, Latches	25/10/19	Log by 10 Classes
13	30/9/19	SR latch, Gated SR latch, Application of SR latch & Switch debouncer	28/10/19.	Planned to be
14	30/9/19	SR latch, Gated SR latch	28/10/19	Special class & Complete the Portion
15	3/10/19	Gated D latch, Master Slave FFs.	2/11/19	
16	8/10/19	Master Slave FFs (Pulse triggered) JK SR FFs	30/10/19	
17	10/10/19	Master Slave JK FFs.	1/11/19.	Special class in Kannada Explained
18	14/10/19	Edge Triggered FFs	1/11/19.	
19	14/10/19	Module-4: Flip-flop applications: Registers	1/11/19	9:30 - 10:45
20	15/10/19	Binary Ripple Counter	5/11/19	
21	17/10/19	Synchronous Binary Counters, Counter based on shift registers		Log by 6 classes
22	28/10/19	Design of synchronous Counters	8/11/19	Special class
23	28/10/19	Design of Sync. Mod-n Counter using clocked JK FF	8/11/19	11/11/19
24	29/10/19	Design of Ripple mod-n counter using clocked T, D & SR FFs	11/11/19	
25	28/10/19	Counter design using SR FFs		12/11/19

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26	31/10/19	Module-5: Sequential Ckt Design - Introduction	15/11/19	Special class taken on Kannada Typeset
27	1/11/19	Sequential ckt design: Meely model	15/11/19	
28	1/11/19	Sequential ckt design: Moore model		
29	6/11/19	State machine notation	15/11/19	Exam
30	7/11/19	Synchronous Sequential ckt analysis	15/11/19	11:30 to 2:30 Paper
31	11/11/19	Construction of State diagrams	15/11/19	
32	12/11/19	Counter Design	18/11/19	18/11/19
33	14/11/19	Memories: Read only & Read/write memories		
34	18/11/19	Programmable ROM, EPROM, Flash memory	19/11/19	
35	19/11/19	Evaluation: Numericals		
36	19/11/19	Module-2: General approach, Statement Problems		Special class
37	19/11/19	Decoders - BCD decoders	25/11/19	Exercises
38	19/11/19	BCD decoders, Encoders		
39	21/11/19	Digital Encoders, multiplexers - using tri-state gates, Boolean generators		2 to 3 topics some explained
40	21/11/19	Adders & Subtractors - Cascading full Adders		
41	21/11/19	Look ahead Carry & Binary Comparators.	25/11/19	
42	21/11/19	Design methods of building blocks of combinational logic		
43				
44				
45				
46				
47				
48				
49				
50				

Faculty Member Signature — HOD Signature

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Attendance Register

ATME College of Engineering

Department of Electrical and Electronics Engineering

ATME College of Engineering

ATTENDANCE

Semester & Section : III 'A' Course Title with Code : Digital System Design - 18EE35

Sl. No.	USN	Student Name	Date	30	30	31	01	06	06	07	08	13	13
			Month	Jul	Jul	Jul	Aug	Aug	Aug	Aug	Aug	Aug	Aug
				1	2	3	4	5	6	7	8	9	10
1.	4AD18EE001	ABDUL BASEER KHATTAL		A	1	2	3	A	5	6	A	A	A
2.	4AD18EE002	ADITHYA KS		1	2	3	4	5	6	7	8	9	10
3.	4AD18EE003	AISHWARYA M		1	2	3	4	5	6	7	8	9	10
4.	4AD18EE004	ANUSHA N K		1	2	3	4	5	6	7	8	A	9
5.	4AD18EE005	CHANDAN KUMAR CB		1	2	3	4	5	6	7	8	9	10
6.	4AD18EE006	CHANDAN MN		1	2	3	4	5	6	7	8	9	10
7.	4AD18EE007	DAMINI DORA KP		1	2	3	4	5	6	7	8	9	10
8.	4AD18EE009	DEEKSHITHA V		1	2	3	4	5	6	7	8	9	10
9.	4AD18EE010	GAGANA S		1	2	3	4	5	6	7	8	9	10
10.	4AD18EE011	JEEVITH U		1	2	3	4	5	6	7	8	9	10
11.	4AD18EE012	KAVERI K		1	2	3	4	5	6	7	8	A	9
12.	4AD18EE013	LAKSHMI A A		1	2	3	4	5	6	7	8	9	10
13.	4AD18EE014	LANKESH HD		1	2	3	4	5	A	A	6	7	8
14.	4AD18EE015	MADHUGOWDA HK		1	2	3	4	5	6	7	8	9	10
15.	4AD18EE016	MANJUNATHA KB		1	2	3	4	5	A	6	7	8	9
16.	4AD18EE017	MANOJ KUMAR KS		1	2	3	4	5	6	A	A	7	8
17.	4AD18EE018	MISBAH AFSHEEN		A	A	A	1	2	3	4	5	6	7
18.	4AD18EE019	MOHAMMED SUHAIL		A	1	2	3	4	5	6	7	8	9
19.	4AD18EE020	NAYANA K S		1	2	3	4	5	6	7	8	9	10
20.	4AD18EE021	POOJA BAI		1	2	3	4	5	6	7	8	9	10
21.	4AD18EE022	PRAVEEN GOWDA SB		1	2	3	4	5	6	7	8	9	10
22.	4AD18EE023	PREETHU N		1	2	3	4	5	6	7	8	9	10
23.	4AD18EE024	RADHIKA MG		1	2	3	4	A	A	5	6	7	8
24.	4AD18EE026	SHASHI KUMAR V		1	2	3	4	5	6	7	8	9	10
25.	4AD18EE027	SYEDA FAIZA		1	2	3	4	5	6	7	8	A	A
		No. of Abs.											
		Initials											

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14	20	90	21	24	27	27	28	29	31	03
Aug	Aug	Aug	Aug	Aug	Aug	Aug	Aug	Aug	Aug	Sep
11	12	13	14	15	16	17	18	19	20	21
A	7	8	9	A	10	11	12	13	A	14
A	11	12	13	14	15	16	17	18	19	20
11	12	13	14	15	16	17	18	19	A	20
10	A	11	12	13	A	A	14	15	16	17
11	12	13	A	14	15	16	17	18	19	20
11	12	13	A	14	15	16	17	18	19	20
11	12	13	14	15	16	17	18	19	20	A
11	12	13	14	15	16	17	18	19	20	21
11	12	13	14	15	16	17	18	19	20	A
11	12	13	A	14	A	A	15	16	17	18
10	11	12	13	14	15	16	17	18	19	20
11	12	13	14	15	16	17	18	19	20	A
9	10	A	A	11	A	12	13	14	15	16
11	12	13	14	15	16	17	18	19	20	A
10	11	12	13	14	15	16	17	18	19	20
9	10	A	A	A	11	12	13	14	15	16
8	9	10	11	12	13	14	15	16	A	17
10	A	A	11	12	13	14	15	16	17	18
11	12	13	14	15	16	17	18	19	20	21
11	12	13	14	15	16	17	18	19	20	21
11	12	13	14	15	16	17	18	19	A	20
9	10	11	12	13	14	15	16	17	18	19
11	12	13	14	15	16	17	A	18	19	A
9	10	11	A	12	13	14	15	16	17	18

31

HoD

Dr. PARTHASARATHY L.
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ATME College of Engineering

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.

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Department of Electrical and Electronics Engineering

Project Proposals

Project Teams are encouraged to apply in Govt./Non Govt. funding agencies. Advanced Learner Students have led the team and excelled in the Project Funding under Karnataka State Council for Science and Technology.

Type: Government Agency

AY:2019-2020

- **No. of Proposals Sanctioned: 6**
- **Best Project: 2**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE(s)	NAME OF THE STUDENTS	SANCTIONED AMOUNT (In Rs.)	STATUS OF PROJECT	BALANCE AMOUNT RELEASED AFTER EVALUATION
29.	43S_BE_0876	AADHAAR ENABLED AUTOMATED RATION DISTRIBUTION FOR REMOTE PLACES	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. SATHISH KR Mr. SHREESHAYANA R	Ms. PALLAVI K R Ms. MONICA R Mr. AMRUTESH H K Mr. POORNACHANDRASAGAR N	5000.00	COMPLETE	2500.00
30.	43S_BE_0882	STUDY ON SPATIAL AND TEMPORAL VARIATION OF WATER QUALITY IN LAKSHMANTHIRTHA WATERSHED	CIVIL ENGINEERING	B.E.	Dr. AKSHAYA B J	Ms. ANUSHA A S Mr. PRAJWAL K M Ms. BHAGYA JYOTI Mr. AKASH S	4500.00	INCOMPLETE	NIL
31.	43S_BE_0884	EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES AND DURABILITY CHARACTERISTICS OF FLYASH GGBS BLENDED GEO-POLYMER CONCRETE	CIVIL ENGINEERING	B.E.	Mr. MANDEEP G	Mr. UDAYA PRASAD G R Mr. YESHWANTH M K Mr. ZEESHAN HAIDER ANSARI Mr. MOHAMMED HANNAN	4500.00	INCOMPLETE	NIL
32.	43S_BE_3180	SOLAR OPERATED VISION CAPTURING SPY ROBOT USING RASPBERRY PI 3	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. SHALINI V S Mr. PRAJWALSIMHA S N	Ms. SUPRIYA K Ms. VIDYASHREE H N Mr. WAHID PASHA Mr. RAVIKUMAR K M	5000.00	COMPLETE	2500.00
33.	43S_BE_3184	INTELLIGENT WHEEL CHAIR FOR HANDICAPPED PERSONS	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. PAVITHRA A C Mr. Dr PRAKASH KURAVATTI C	Mr. RUPESH KUMAR G V Mr. PRAJWAL M Ms. PUNYA M Mr. YASHWANTH V	4000.00	COMPLETE	2000.00
34.	43S_BE_3282	DEVELOPMENT OF GLASS CLEANING ROBOT	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Ms. SWAPNA H	Mr. KARTHIK H R Mr. JAYAKUMAR B Ms. POOJA K R Ms. SHWETHA B V	6000.00	COMPLETE	3000.00
35.	43S_BE_3283	SMART WATER CONTROLLER FOR FUTURE WATER CRISES	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. VINOD KUMAR P Ms. SHREESHAYANA	Mr. MOHITH R Ms. NIKITHA M E Mr. SHASHANK S Mr. YASHWANTH RAJU R	5000.00	COMPLETE	2500
36.	43S_BE_3284	3D PRINTING USING RECYCLED FILAMENT	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. SATHISH K R	Mr. MOHAMMED ASSIM Ms. POOJA H Mr. PRASHANTH B Ms. SRINIDHI D S	6000.00	COMPLETE	3000.00
37.	43S_BE_3285	IOT BASED ELECTRIC TRICYCLE FOR PHYSICALLY DISABLED	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mr. PRAVEEN KUMAR M	Ms. SHOBHITHA SN Mr. MOHAMED ATHEEQ Mr. PARAMESHA HN Mr. SHARANAPPA	6000.00	COMPLETE	3000.00

Link:
http://www.kscst.iisc.ernet.in/spp/43_series/43S_SPP_collegewise_status_projects_details_release_of_sanctiond_amount_after_evaluation.pdf

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Department of Electrical and Electronics Engineering

AY:2019-2020

Applied Proposals as a team in KSCST Project competition

Learner Achievements:

SL.No	USN	NAME	Learner Type	Student Designation
1	4AD16EE027	PALLAVI K R	Advanced Learner	Team Lead
2	4AD16EE033	RACHANA Y L	Advanced Learner	Team Lead
3	4AD16EE006	BHAVYA G	Advanced Learner	Team Lead
4	4AD16EE045	SOUNDARYA B T	Advanced Learner	Team Member
5	4AD16EE026	NIKITHA M E	Advanced Learner	Team Member
6	4AD16EE004	AMRUTHA S	Advanced Learner	Team Member
7	4AD16EE022	MOHAMMED ASSIM	Advanced Learner	Team Lead
8	4AD16EE040	SANGEETHA B	Advanced Learner	Team Lead
9	4AD16EE008	CHANDAN V	Advanced Learner	Team Lead
10	4AD16EE020	MAMATHA	Advanced Learner	Team Lead

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Department of Electrical and Electronics Engineering

Best Project under Karnataka State Council for Science and Technology.

AY:2019-2020

Link: http://www.kscst.iisc.ernet.in/spp/43_series/43S_best_projects_of_the_year_award_Branch_wise.pdf

6) ELECTRICAL AND ELECTRONICS ENGINEERING

Sl. No.	PROJECT REFERENCE NO.	PROJECT
30.	43S_BE_3284	3D PRINTING USING RECYCLED FILAMENT COLLEGE: A.T.M.E. COLLEGE OF ENGINEERING, MYSURU GUIDE: Mr. SATHISH K R STUDENTS: Mr. MOHAMMED ASSIM Ms. POOJA H Mr. PRASHANTH B Ms. SRINIDHI D S
31.	43S_BE_0876	AADHAAR ENABLED AUTOMATED RATION DISTRIBUTION FOR REMOTE PLACES COLLEGE: A.T.M.E. COLLEGE OF ENGINEERING, MYSURU GUIDE: Mr. SATHISH K. R. CO-GUIDE: Mr. SHREESHAYANA R STUDENTS: Ms. PALLAVI K R Ms. MONICA R Mr. AMRUTESH H K Mr POORNACHANDRASAGAR N

Best Project Winners

SL.No	USN	NAME	Learner Type	Student Designation
1	4AD16EE027	PALLAVI K R	Advanced Learner	Team Lead
2	4AD16EE022	MOHAMMED ASSIM	Advanced Learner	Team Lead

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Press Report

Students of ATME College of Engineering, Mysuru bagged Two Best Projects of the Year Award organised by Karnataka State Council for Science and Technology(KSCST)

Karnataka State Council for Science and Technology(KSCST) had organised 43rd Series of Student Project Programme: 2019-20 on 7th August 2020. Two groups of final year students of Department of Electrical & Electronics Engineering (EEE), ATMECE has bagged **Best Projects of the Year Award**

Group -1 students are Ms Monica C, Ms. Pallavi K R, Mr. Amrutesh H K, Mr Poornachandrasagar N for the project titled **"AADHAAR ENABLED AUTOMATED RATION DISTRIBUTION FOR REMOTE PLACES"**, under the Guidance of Mr Sathish K R and Mr Shreeshayana R, Assistant Professor,Dept., of EEE.

Best Project of the Year Award Winners

Monica C

Pallavi K R

Amruthesh H K

Poornachandrasagar

Group -2 students are Mr. Mohammed Assim, Ms. Pooja H, Mr. Prashanth B, Ms. Srinidhi D S for Project titled **"3D PRINTING USING RECYCLED FILAMENT"**, under the guidance of Mr Sathish K R, Assistant Professor, Dept., of EEE.

Best Project of the Year Award Winners

Mr. Mohammed Assim,

Ms. Pooja H,

Mr. Prashanth B,

Ms. Srinidhi D S

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

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	• Basic Mathematics • EnglishFundamentals	3	1	L-Lecture A-Assessment 4 x 4 =**16 Hours/Semester**
Objectives	1. To understand numbers systems and numbers series 2. To Explain different methods of HCF and LCM 3. To understand Pattern from figures, sequence coding and decoding 4. To explain General English and its parts of speech				
Course Outcomes	At the end of the course the student will be able to: 1. Analyse and solve numbers systems , numbers series and sequence 2. Analyse and enhance pace of problem solving. 3. 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	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	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: 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. Shreeshayana R
AVR Training Coordinator ,
Dept. of EEE, ATMECE, Mysuru

Department of Electrical and Electronics Engineering

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	

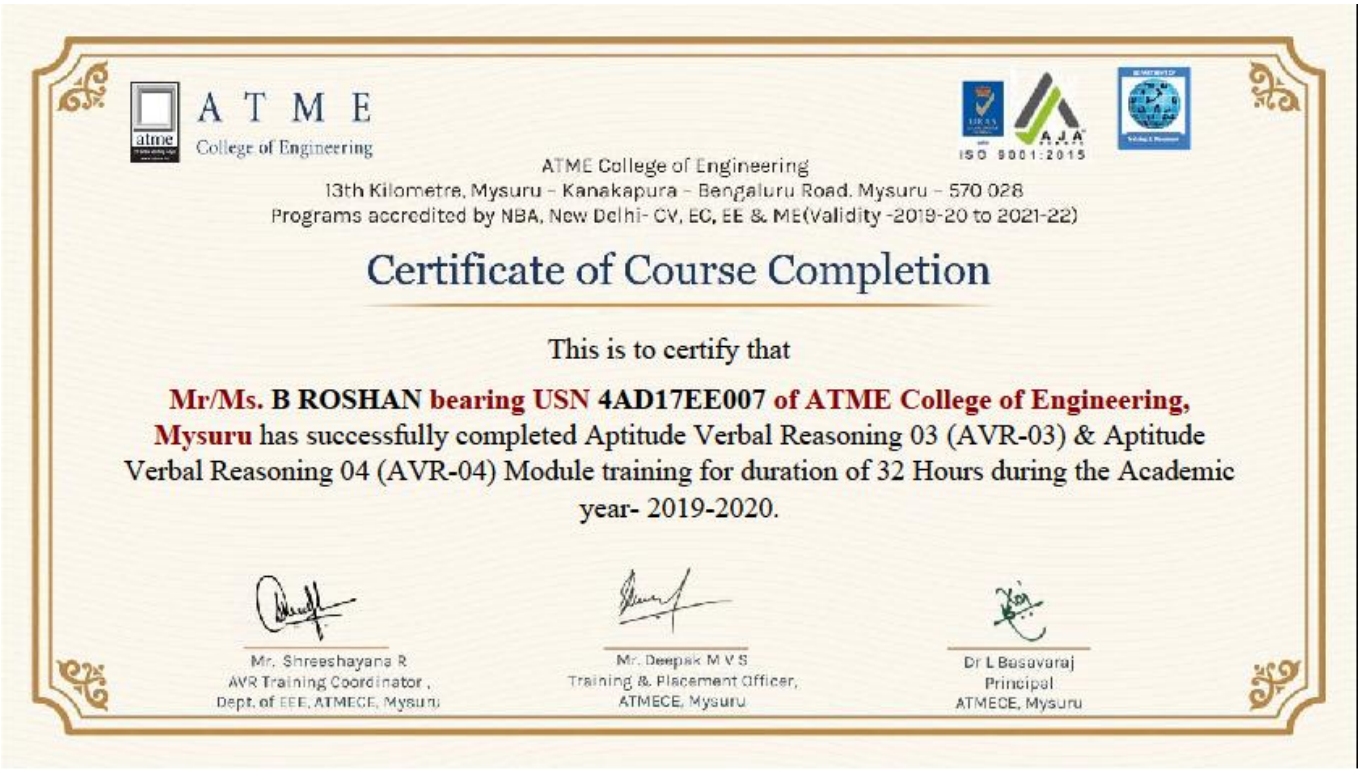
USN	STUDENT NAME	Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Total Points	Score
Answer Key			D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	B	C	D	B	40.00	100.00%
4AD18EE006	CHANDAN M N	E2BF62	D	D	B	A	B	B	C	A	B	A	D	A	D	D	A	B	B	C	D	C	28.00	70.00%
4AD18EE009	DEEKSHITHA V	E2BFBF	D	D	A	A	B	C	C	A	D	A	A	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	E2BBCF	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	E2BFE9	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 E	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



ATME College of Engineering
13th Kilometre, Mysuru - Kanakapura - Bengaluru Road, Mysuru - 570 028
Programs accredited by NBA, New Delhi- CV, EC, EE & ME(Validity -2019-20 to 2021-22)

Certificate of Course Completion

This is to certify that

Mr/Ms. B ROSHAN bearing USN 4AD17EE007 of ATME College of Engineering, Mysuru has successfully completed Aptitude Verbal Reasoning 03 (AVR-03) & Aptitude Verbal Reasoning 04 (AVR-04) Module training for duration of 32 Hours during the Academic year- 2019-2020.

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

Mr. Deepak M V S
Training & Placement Officer,
ATMECE, Mysuru

Dr L Basavaraj
Principal
ATMECE, Mysuru

Department of Electrical and Electronics Engineering

Technical Quiz

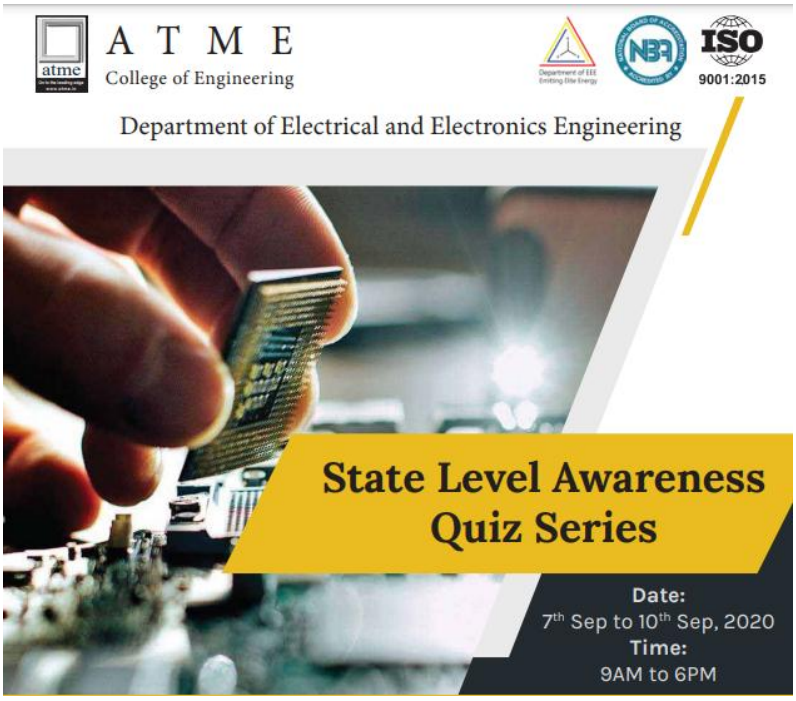
Department of Electrical and Electronics Engineering

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/



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

Department of Electrical and Electronics Engineering

STAR OF MYSORE

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.

HoD
Dr. PARTHASARATHY L.
Professor and HOD
Dept of Electrical & 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.

Sample Response screenshot is shown below:

Course: Electromagnetic Field Theory

16-May-19

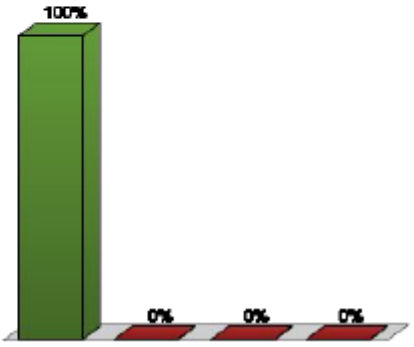
Session Name: Current Session

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



HoD
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering

Department of Electrical and Electronics Engineering

Course : Power Electronics

Course Code:17EE53

ATME College of Engineering

Department of Electrical and Electronics Engineering

Evaluation of Module 3: Power Thyristor

Course		
Power Electronics (17E53)		
Date Created	**Active Participan**	**Total Participants**
10/16/2019 12:00:00 AM	44	44
Average Score	**Questions**	
54.55%	10	

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	DEEPTHI 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%

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

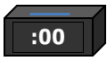
Course: AEC

Module 1
Evaluation

Diode Circuits and Transistor Biasing and Stabilization

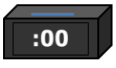
1. Clipper circuits are used to

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



Department of Electrical and Electronics Engineering

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	15.00	100.00%
1	ABDUL BASEER KHATTAL	A	C	A	B	C	C	B	C	C	B	A	A	D	C	C	#	#
2	ADITHYA K S	A	A	A	B	C	C	B	C	D	B	D	A	A	D	D	7.00	#
3	AISHWARYA M	A	D	C	C	C	C	B	C	C	C	B	A	D	C	C	#	#
4	ANUSHA N 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	DEEKSHITHA 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	KAVERI 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	MANOJKUMAR K S	A	C	A	D	C	C	B	C	C	B	A	C	D	C	C	#	#
16	MISBAH AFSHEEN	A	B	B	C	C	C	B	C	A	C	D	A	D	C	C	#	#
17	MOHAMMED SUBAIL	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	PREETHU 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	YASEEN 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%	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#	#

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

Experimental Learning

1.Project Exhibition- co-curricular activities

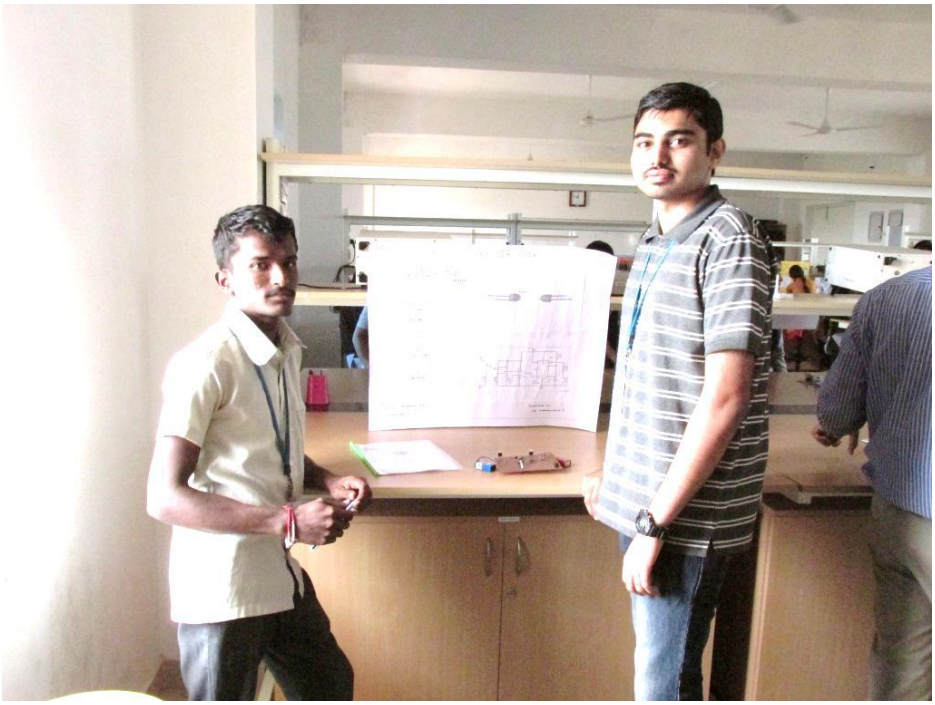
2.Self-Learning through MOOCs

3.ICT based Learning

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.

Few Sample pictures of Project Work done by the students :



National Level Event URJA will be conducted in the department to enhance the Technical and logical thinking skills. The main objective is to create competence in young minds and to create a platform to exhibit their technical skills.

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

Self-Learning through MOOCs

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: Josni Joseph

Platform: Coursera

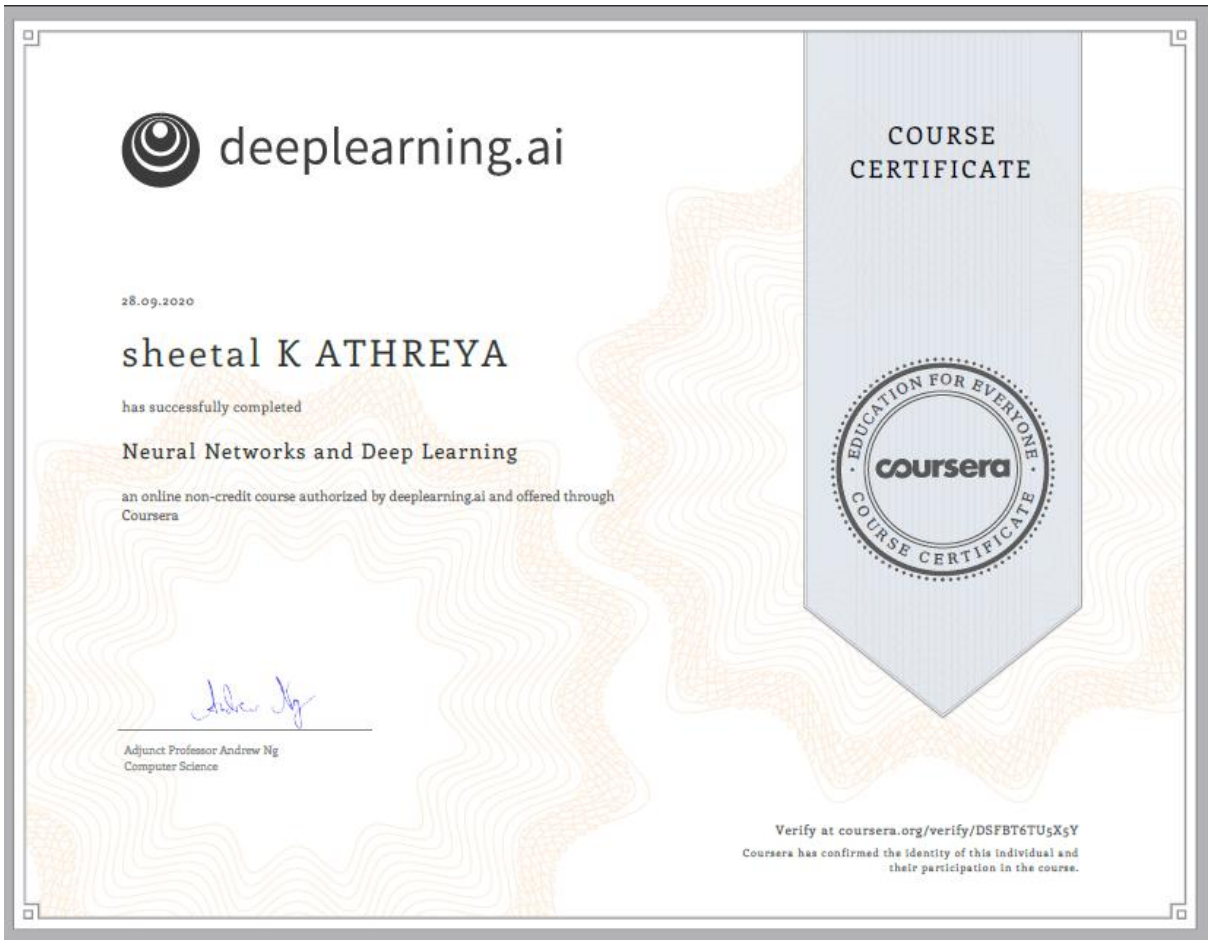
Course: Programming for everybody(getting started with Python)

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

Student Name: Sheetal K Athreya

Platform: Coursera

Course: Neural Networks and Deep Learning



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

Student Name: Nikhil Kumar R

Platform: IIRS/ISRO

Course: Advances in SAR-Polarimetry & Interferometry

भारत सरकार
अंतरिक्ष विभाग
भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrollment No.: 2020710578182

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणित किया जाता है कि श्री निखिल कुमार आर को यह प्रमाण पत्र "एडवांसेस इन एस.ए.आर-पोलारिमेट्री एंड इंटेर्फेरोमेट्री" में ऑनलाइन पाठ्यक्रम में प्रतिभाग करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस), इसरो, देहरादून द्वारा 14 दिसम्बर, 2020 से 18 दिसम्बर, 2020 (कुल पाठ्यक्रम अवधि = 7 घंटे 30 मिनट) के दौरान किया गया ।

This is to certify that MR. NIKHIL KUMAR R has been awarded this certificate for participation in online course on "Advances in SAR-Polarimetry & Interferometry" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **14-12-2020 to 18-12-2020 (Total course duration = 7 hours and 30 minutes)** .

Date: 05-01-2021
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/Institution

निदेशक/ Director
आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

UID- dd958b74b28bf8ab53f63c271cedce59 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

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Dept. of Electronics & Communication
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Mysuru - 570 028

Student Name: THEJASWINI.K
Platform: IIRS/ISRO
Course: Basics of Geocomputation and Geoweb Services

भारत सरकार
अंतरिक्ष विभाग
भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून

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DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrollment No.: 2020720533848

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि कु॰ तेजस्विनी के को यह प्रमाण पत्र "जियोकम्प्यूटेशन एवं जियोवेब सर्विसेस के मूलभूत सिद्धांत" में ऑनलाइन पाठ्यक्रम में प्रतिभाग करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस), इसरो, देहरादून द्वारा 19 अक्टूबर, 2020 से 29 अक्टूबर, 2020 (कुल पाठ्यक्रम अवधि = 13 घंटे 30 मिनट) के दौरान किया गया।

This is to certify that **MS. THEJASWINI.K** has been awarded this certificate for participation in online course on **"Basics of Geocomputation and Geoweb Services"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **19-10-2020 to 29-10-2020 (Total course duration = 13 hours and 30 minutes)**.

Date: 09-12-2020
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/Institution

निदेशक/ Director
आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

UID- ab23ee842078dbb26e416123a1b59f24 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

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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

VI Semester:

Course	Code	Faculty	Module	Link of AV files
DC	17EC61	Dr. Prathibha M K	M3	https://web.microsoftstream.com/video/70b68ae3-010e-4349-a2da-deb8ba42d64a
VLSI Design	17EC63	Mr. Abhilash G	M5	**https://web.microsoftstream.com/video/5bc2b281-d9e1-4a3b-bbd8-a1778f088140**
CCN	17EC64	Mrs. Keerthi A Kumbar	M3	https://web.microsoftstream.com/video/98e883f6-0f8b-49c6-9cac-498e0f5665de
DSS	17EC663	Mr. Chandra Shekar P	M4	https://web.microsoftstream.com/video/8b10609f-ec94-4e40-84ef-07e91476a2d9

IV Semester:

Course	Code	Faculty	Module	Link of AV files
AC	18EC42	Mrs. Darshini M B	4	https://web.microsoftstream.com/video/15906a1e-e05e-4703-ba31-a37f99f04395
CS	18EC43	Dr. Prakash Kuravatti	5	https://web.microsoftstream.com/video/d33b0560-0f66-43de-8c47-e18c4b382ba6

YouTube Laboratory Videos Link:

Sem	Lab	Course Coordinator	Experiment Name	Link
3	Analog Circuits Lab	Mr. Gurupras ad K N	Common Source JFET	https://www.youtube.com/watch?v=Rn4dMWlWzdY&list=PLOU3kcAncZZs-8CMyzlJ2LXbPvmqvCIkA
			Colpitts Oscilator	https://www.youtube.com/watch?v=b9IAdi8Zrss&list=PLOU3kcAncZZs-8CMyzlJ2LXbPvmqvCIkA&index=3
			CE Amplifier with and without feedback	https://www.youtube.com/watch?v=AcZ9tponflY&list=PLOU3kcAncZZs-8CMyzlJ2LXbPvmqvCIkA&index=2
7	Advanced Communicati on 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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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.

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 complier 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.

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.

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

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.

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.

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.

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.

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.

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-8031/51Micro-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 Buider, 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 & 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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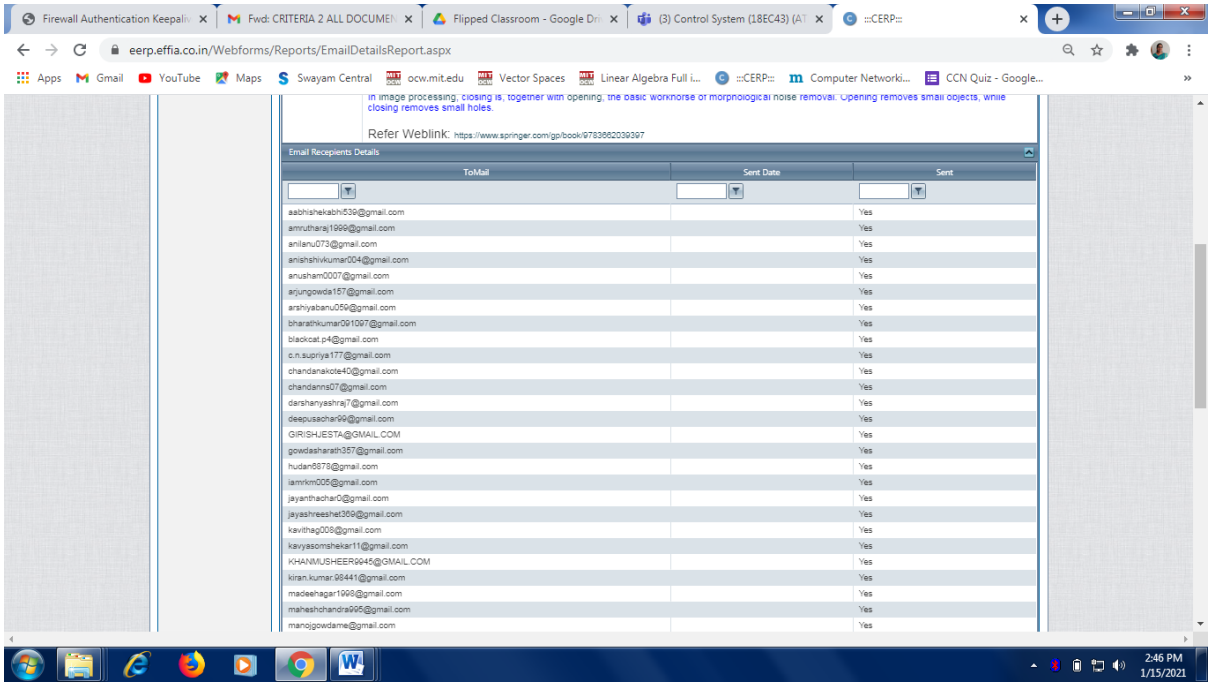
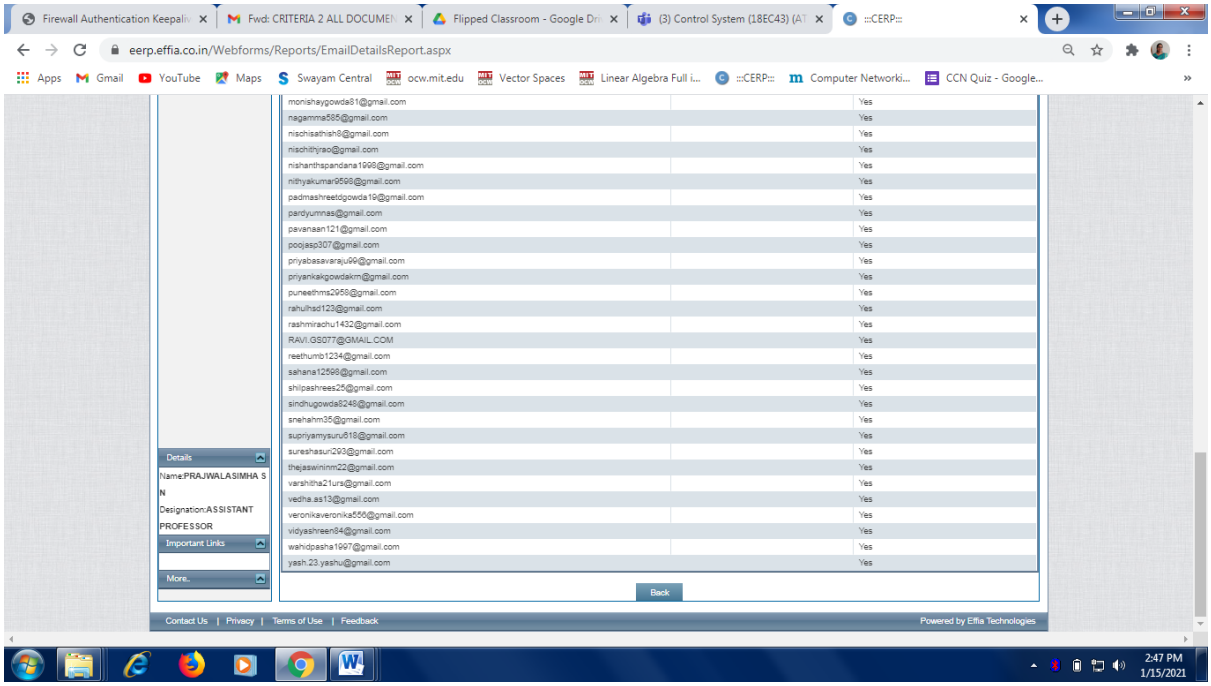
Flipped classroom

Flipped Classroom

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





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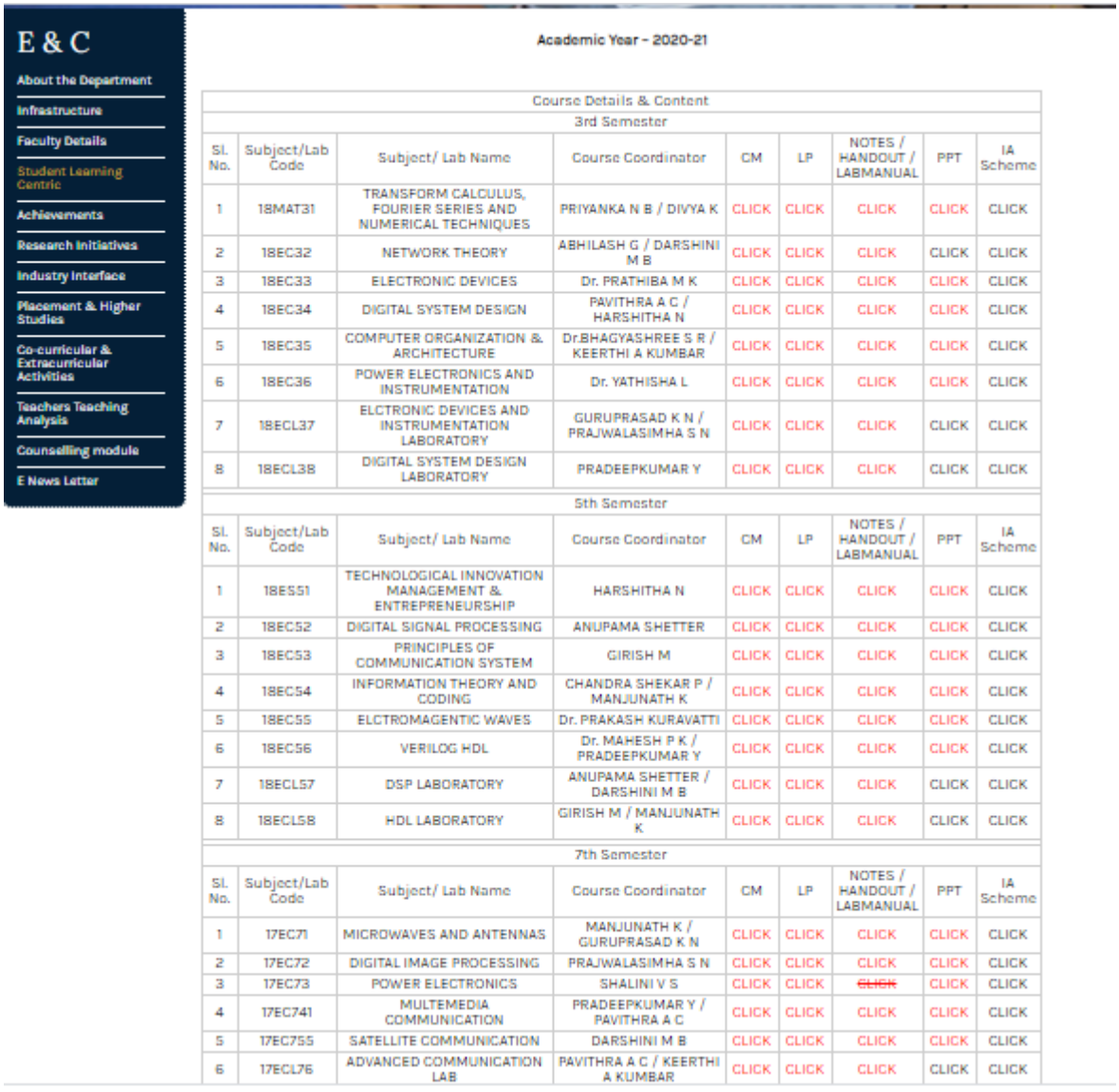
Student Learning Resources

1. Study materials

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



E & C

- 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 - 2020-21

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	PRIYANKA N B / DIVYA K	CLICK	CLICK	CLICK	CLICK	CLICK
2	18EC32	NETWORK THEORY	ABHILASH G / DARSHINI M B	CLICK	CLICK	CLICK	CLICK	CLICK
3	18EC33	ELECTRONIC DEVICES	Dr. PRATHIBA M K	CLICK	CLICK	CLICK	CLICK	CLICK
4	18EC34	DIGITAL SYSTEM DESIGN	PAVITHRA A C / HARSHITHA N	CLICK	CLICK	CLICK	CLICK	CLICK
5	18EC35	COMPUTER ORGANIZATION & ARCHITECTURE	Dr.BHAGYASHREE S R / KEERTHI A KUMBAR	CLICK	CLICK	CLICK	CLICK	CLICK
6	18EC36	POWER ELECTRONICS AND INSTRUMENTATION	Dr. YATHISHA L	CLICK	CLICK	CLICK	CLICK	CLICK
7	18ECL37	ELCTRONIC DEVICES AND INSTRUMENTATION LABORATORY	GURUPRASAD K N / PRAJWALASIMHA S N	CLICK	CLICK	CLICK	CLICK	CLICK
8	18ECL38	DIGITAL SYSTEM DESIGN LABORATORY	PRADEEPKUMAR Y	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	18ES51	TECHNOLOGICAL INNOVATION MANAGEMENT & ENTREPRENEURSHIP	HARSHITHA N	CLICK	CLICK	CLICK	CLICK	CLICK
2	18EC52	DIGITAL SIGNAL PROCESSING	ANUPAMA SHETTER	CLICK	CLICK	CLICK	CLICK	CLICK
3	18EC53	PRINCIPLES OF COMMUNICATION SYSTEM	GIRISH M	CLICK	CLICK	CLICK	CLICK	CLICK
4	18EC54	INFORMATION THEORY AND CODING	CHANDRA SHEKAR P / MANJUNATH K	CLICK	CLICK	CLICK	CLICK	CLICK
5	18EC55	ELCTROMAGENTIC WAVES	Dr. PRAKASH KURAVATTI	CLICK	CLICK	CLICK	CLICK	CLICK
6	18EC56	VERILOG HDL	Dr. MAHESH P K / PRADEEPKUMAR Y	CLICK	CLICK	CLICK	CLICK	CLICK
7	18ECL57	DSP LABORATORY	ANUPAMA SHETTER / DARSHINI M B	CLICK	CLICK	CLICK	CLICK	CLICK
8	18ECL58	HDL LABORATORY	GIRISH M / MANJUNATH K	CLICK	CLICK	CLICK	CLICK	CLICK

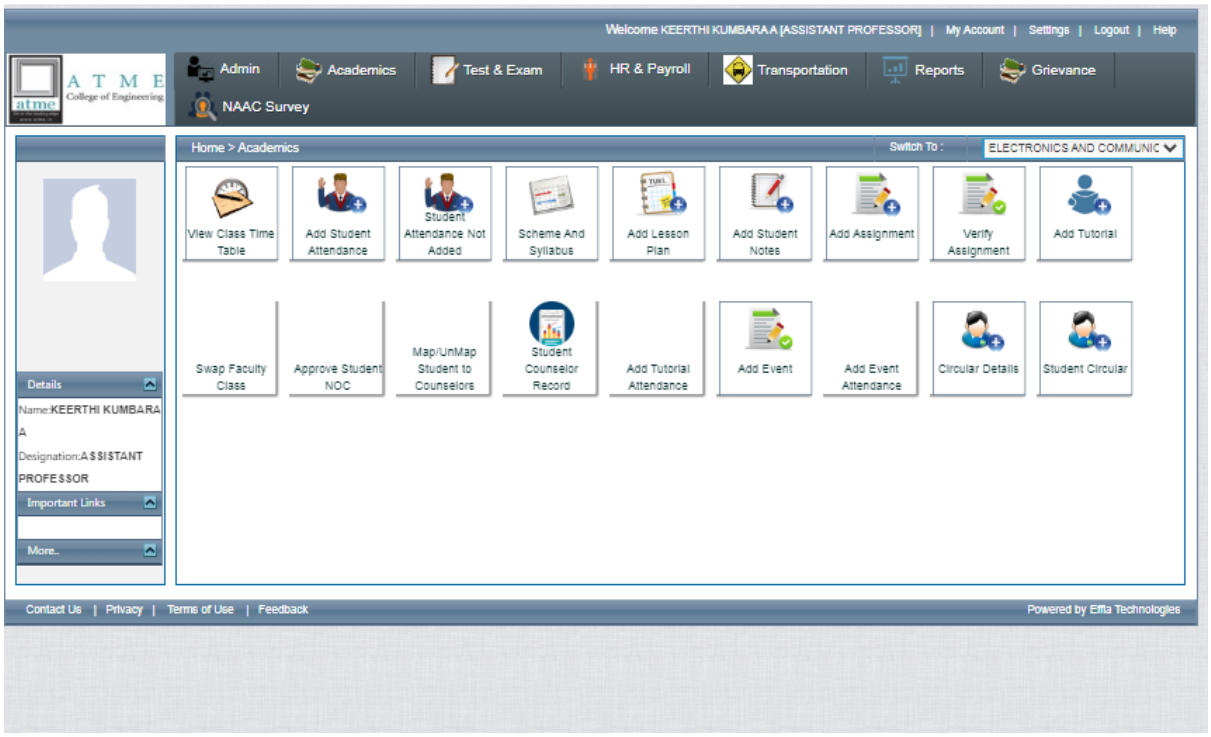
7th Semester

Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	17EC71	MICROWAVES AND ANTENNAS	MANJUNATH K / GURUPRASAD K N	CLICK	CLICK	CLICK	CLICK	CLICK
2	17EC72	DIGITAL IMAGE PROCESSING	PRAJWALASIMHA S N	CLICK	CLICK	CLICK	CLICK	CLICK
3	17EC73	POWER ELECTRONICS	SHALINI V S	CLICK	CLICK	~~CLICK~~	CLICK	CLICK
4	17EC741	MULTEMEDIA COMMUNICATION	PRADEEPKUMAR Y / PAVITHRA A C	CLICK	CLICK	CLICK	CLICK	CLICK
5	17EC755	SATELLITE COMMUNICATION	DARSHINI M B	CLICK	CLICK	CLICK	CLICK	CLICK
6	17ECL76	ADVANCED COMMUNICATION LAB	PAVITHRA A C / KEERTHI A KUMBAR	CLICK	CLICK	CLICK	CLICK	CLICK

2. College Enterprise Resource Planning (CERP)

1. Notes and PPT
2. CERP Link : https://eerp.effia.co.in/WebForms/frmLogin.aspx

Note: Credentials is required for Login



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Participatory Learning

1. Technical fest competitions
2. Industrial Visit
3. Co-curricular & Extra – Curricular activities

Technical fest competitions

Technical Fest competitions offering peer to peer learning and enhances Technical &logical thinking skills of the students. The technology affects value activities themselves or allows companies to gain competitive advantage by exploiting changes in competitive scope.

- Lowering cost.
- Enhancing differentiation.
- Changing competitive scope.
- Assess information intensity.
- Determine the role of information technology in industry structure.

To create competence in young minds and to create a platform to exhibit their technical skills, department organizes National Level fest “URJA” an annual contest with multiple technical events and non-technical events. Every year “URJA” has received overwhelming response in all its events. The motivation of this event is to develop various skills of students in Co-Curricular activities and to expose them to the current trends in the technical and professional fields.

Various Event organized is as follows:

- Arduino IOT Spire: build project within 24 hours
- Project Expo: exhibit your working projects
- Prezento: Present your paper and posters
- Tech Rig: Quick build of circuits
- Tech Jumanji: solve the technical puzzles
- SIMZONE: use any software code to resolve
- Robo Vertigo: run your robot in predefined path
- Aero Drone: fly your drone efficiently in a path with obstacles
- Quizitive: solve the technical questions to win
- Pix stream: do short video for inside the campus
- Fast track: super minute games
- Exitrash: make best model from waste

The inauguration took place on 21st March at ECE department. It is inaugurated by Dr. Basavaraj L, Principal, ATME College of Engineering, Mysuru. Dr. Mahesh P K, HOD, Dept. of ECE, the detailed schedule and participation guidelines of each event were then announced.

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Co-curricular Activities

Sports Achievement:

Students are encouraged to participate in all the sport activities and the details is as follows:

- Huda Mohsin, VII sem and Meghana Urs T R, V sem of ECE Dept. has represented ATMECE Softball team in the VTU Inter Collegiate Inter Zone Championship 2017 – 18 at Acharya Institute of Technology, Bengaluru from November 12th -15th, 2017 and secured Second Place.
- Tiju Joseph T P, VII sem, Adarsh E, V sem and Jayanth N, V sem of ECE Dept. represented ATMECE Softball team in the VTU Inter Collegiate Inter Zone Championship 2017 – 18 at Acharya Institute of Technology, Bengaluru from November 12th -15th, 2017 and secured Third Place.
- Tiju Joseph T P, VII sem of ECE Dept. has represented ATMECE Athletics team in the 20th VTU Inter Collegiate Athletic Championship 2017 – 18 at VTU Campus Belagavi from Nov 2 nd—7 th, 2017.
- Huda Mohsin, VII sem and Meghana Urs T R, V sem of ECE Dept. has represented VTU Women Cricket Team in South Zone Inter University Cricket Tournament organized by Bangalore University, Bengaluru from October 28th – 4 th, 2017.
- Tiju Joseph T P, VII sem of ECE Dept. has represented ATMECE in VTU Inter Zone Men Cricket Team Selection Trails organized by SJCE, Mysuru on 26th& 27th October 2017.
- Huda Mohsin, VII sem and Meghana Urs T R, V sem of ECE Dept. has represented ATMECE Handball Women Team Selection Trails organized by GAT, Bengaluru on October 13th& 14th, 2017 at GAT Campus, Mysuru

- Tiju Joseph T P, VII sem, Adarsh E, V sem and Jayanth N, V sem of ECE Dept. has represented ATMECE Softball team in the VTU Rest of Bangalore Zone Championship 2017 – 18 at NIE Institute of Technology, Mysuru from September 22nd, 2017 and secured first Place.
- Tiju Joesph T P, VIII sem and Jayanth N and Adarsh E, VI sem of ECE Dept has represented ATMECE VTU Softball City Intercollegiate Mysore at Mysore Sports Pavilion on 15th March 2018 and secured First Place.
- Meghana Urs T R, VI sem has represented VTU in All India Inter University Softball Championship, Gurunanak Dev University, Amritsar from 6th to9th March 2018.
- Tiju Joesph T P, VIII sem of ECE Dept has represented ATMECE VTU Mysore Zone cricket team at Glades, Mysorefrom 5th to 8th March 2018 and secured First Place.
- Tiju Joesph T P, VIII sem of ECE Dept has represented VTU in ALL INDIA Inter University Softball Championship 2018 at MDU Rothak, Haryana, Punjab from 25th to 27th Feb 2018.
- Tiju Joesph T P, VIII sem and Jayanth N and Adarsh E of VI sem of ECE Dept has represented ATMECE, VTU Softball Inter Zone, AIT, Bangalore on Feb 2018 and secured Third Place.

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Industrial Visit

Industrial visit are to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visits provide students a practical perspective on the world of work.

Department encourages students to enhance their knowledge.

The details are as follows:

- Industrial visit was arranged on 3rd Nov 2017 for VII sem students to ISRO and HAL Aerospace Museum, Bangalore. It was coordinated by Dr. Mahesh P K, HOD, Mr. Shashidhar S Gokhale, Assoc Prof and Ms. Darshini M B, Asst Prof.

- Industrial visit to EFY Expo 2018 at KTPO Trade Centre, Whitefield, Bengaluru was organized by Department of ECE on 9 th February, 2018. Thirty two students of 8th semester, 6th Semester and 4th Semesters took part in this event. Shashidhar S Gokhale, Associate Professor and Darshini M B, Asst. Professor, Dept. of ECE, ATMECE coordinated the visit and also accompanied the students. India Electronics Week is an annual event organized by the "Electronics For You" team. It's a mega show with multiple co-located events including expositions, conferences and seminars. The aim of IEW is to promote and enable development of SMARTER products in India. To achieve this goal, IEW has grown to become a technology-centric show that showcases latest products, solutions and industry best practices–involving design and manufacture electronics–to make products smarter. And, that's why IEW is held only at Bengaluru–the technology capital of India.

- Industrial visit to CDAC & HAL Heritage Centre and Aerospace Museum, Bengaluru was organized on 12th February, 2019. Sixty Four final year students were accompanied by Mr. Shashidhar S Gokhale and Mrs. Prathibha M K, Associate Professors, Dept. Of ECE, ATMECE, who coordinated this visit.C-DAC centre is highly acclaimed as a centre for excellence in the thematic areas of High Performance and Grid Computing, Cyber Security and Cyber Forensic, Professional Electronics, FOSS and Software Technologies, Language and Heritage Computing and Training. HAL Heritage Centre & Aerospace Museum, Bengaluru, is a virtual wonderland for Aviation enthusiasts and history buff, an unforgettable experience that is entertaining & enlightening at the same time.

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Dept. of Electronics & Communication
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Mysuru - 570 028

Webinar/Technical talk/ FDP list

Guest lectures/ Technical talks/ Webinars/ FDPs by eminent experts from industry and academics from various organizations are organized to supplement the teaching process and provide experiential learning to provide an industry exposure to students and as well faculties.

The list of events organised during AY 2019-20 is as listed:

Sl. No	Title & Date	Convener/ Coordinators	Resource Person	Reports link
1	**One day Webinar on "Antennas & Electromagnetics Hazards" - 14/7/2020**	Dr. Prakash Kuravatti Mrs. Keerthi A Kumbar Mr. Karunakar Babu Mrs. Drashini M B Mr. Karunakar Babu	**Dr. Prabhakar Professor Gulbarga University Gulbarga**	https://drive.google.com/file/d/1Blp1zs5hAsbObPAw7rXyAkpmLxdfbGJK/view?usp=sharing
2	**One day Webinar on "Art and Science of Teaching" - 17/7/2020**	Mr. Pradeep Kumar Y & Mr. Guruprasad K N	**Dr. Edamana Prasad, Dept.of Chemistry Head, Teaching Learning Center IIT Madras**	https://drive.google.com/file/d/154q5GK2fGiTqlQoCuf6YMe3bMVcVcCjc/view?usp=sharing
3	**One day Webinar on "Career in Digital Marketing" - 18/7/2020**	Mrs. Shalini V S & Mrs. Keerthi A Kumbar	**Mrs. Sushma Jayaram, Ogilvy, Senior Account Executive, Bangalore**	https://drive.google.com/file/d/154q5GK2fGiTqlQoCuf6YMe3bMVcVcCjc/view?usp=sharing
4	**One Day Webinar on "Machine Learning and Deep Learning"- 20/7/2020**	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	https://drive.google.com/file/d/1xBAnEplf6K-5l0zrFkfETuhDsT2RNWkQ/view?usp=sharing

5	**One Day Webinar on "World of AI- Yesterday, Today & Tomorrow"- 21/7/2020**	Dr. Prathibha M K & Ms. Anupama Shetter.	**Prof. Sushma GSSSIETW, Mysuru**	https://drive.google.com/drive/folders/1H51uOEF5voh66xARNRpZKwAcqpwwyDeL?usp=sharing
6	**Two Days Webinar on "Challenges & opportunities in Higher Education"- 22/7/2020 & 23/7/2020**	Mrs. Darshini M B & Mrs. Keerthi A Kumbar	**Mrs. Darshini M B** Asst. Prof, ATMECE, Mysuru **Mrs. Keerthi A Kumbar** Asst. Prof, ATMECE, Mysuru	https://drive.google.com/file/d/13kExL6ualZ8z1J6kTpITGzYC1SWZmY3N/view?usp=sharing
7	**One day Webinar on "Fundament alsof Remote sensing with it application "- 23/7/2020**	Mr. Prajwal Simha S N & Mrs. Shalini V S	**Dr. Choodarathnakar A L** Associate Professor, Government Engineering College, Kushalnagar, Kodagu **Dr. Jayanth J** GSSSIETW, Mysuru	https://drive.google.com/file/d/1MHAwvFtmCBBU9sNWkVR0H1Pciw1OeuGm/view?usp=sharing
8	**Three days Webinar on "How to become Lab VIEW Certified Professionals "- 24/7/2020, 25/7/2020 & 26/7/2020**	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**	https://drive.google.com/file/d/1tpzPvPPjEakQ7QQ67QKHVJrIaX38WVZd/view?usp=sharing
9	**Open Knowledge in Network Security – 25/08/2020**	Mr. Chandra Shekar P	**Mr. Anil Kumar H S Happiest Mind Technilogies**	https://drive.google.com/file/d/1pLOai5xrELHU76Z2BrFClqXAoHEhVuGh/view?usp=sharing

10	**3 days FDP on IPR- 29th to 31th July 2020**	Dr. Yathisha L, Mrs. Shalini V S Ms. Anupama Shetter Mr. Manjunath K Mr. Girish M	**Dr. Sanjeeva Kumar Majumdar, Mr. Santhosh M Nejakar Dr. Sarsija Padhanabhan Mr. B. Vivek Anand Sagar, KSCST, Bangalore Mr. Nagarjun M G, KSCST, Bangalore** **Mr. Kodandaram M G, IRS Retd, Bangalore**	https://drive.google.com/file/d/1p0_WSX3gjD9Wn0-LTlxLZS5jBM8-1-tC/view?usp=sharing
11	**One day Webinar on Advanced topics in Classical Control systems – 25/08/2020**	Mrs. Pavithra A C Mr. Manjunath K	**Dr Harsha Simha Assistant Professor Indian Institute of Space Science and Technology**	https://drive.google.com/file/d/1dKgEU8yuneJ467Rqf_7ubtCyJV4iBXhF/view?usp=sharing

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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 curriculm, the extensive survey for v sem students was conducted at Karighatta. Karighatta is a different terrain comprising of both flat and gradient land. It enhances the individual to study the ground profile practically for different purpose of the civil works, rather than understanding theoretically in the class room. It involves different surveys like Reconnaissance survey, highway alignment, alignment of water supply and sanitary line, new tank project and canal alignment. On the whole, extensive survey was a great experience to students to learn the subject practically outside the walls.

The Department strongly emphasis on teaching outside the walls

The Department strongly emphasis on teaching outside the walls rather than chalk n talk method.And also as a part of curricular, Extensive survey was conducted in the midst of Karighatta

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. The necessary Over hand tank layout, waste weir for discharge of waste water.

The centre line alignment for Highway Project, Possibility of widening , its Cross section, longitudinal section, Right of way and many more.

ATME College of Engineering

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Internship

a. Internship

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

Academic Year:2018-19

Sl. No.	USN	Name	Company	Domain
1	4AD15CV001	ABDUL RAHMAN	IKM Builders	CORE
2	4AD15CV004	ASHWIK H S	KADTECH Infraproject Pvt. Ltd	CORE
3	4AD15CV005	AVINASH P	KADTECH Infraproject Pvt. Ltd	CORE
4	4AD15CV006	AZEMSARWAR	Gardenia Group	CORE
5	4AD15CV007	CHANDANKUMAR K K	IKM Builders	CORE
6	4AD15CV013	HARSHITHA K S	RPC Enterprises	CORE
7	4AD15CV014	HARSHITHA M	RPC Enterprises	CORE
8	4AD15CV015	HUMERA TAJ	RPC Enterprises	CORE
9	4AD15CV016	JAHNAVI H M	Rkhivista	CORE
10	4AD15CV017	JAYASHREE T L	RPC Enterprises	CORE
11	4AD15CV018	JS SANJAY	Builders Association of India, Mysuru	CORE
12	4AD15CV019	KARTHIK C V	Phoenix Groups	CORE
13	4AD15CV020	KAVYASHREE B	Rkhivista	CORE
14	4AD15CV021	KISHAN GOWDA S	KADTECH Infraproject Pvt. Ltd	CORE
15	4AD15CV023	MADHUSHREE M	RPC Enterprises	CORE
16	4AD15CV024	MAHADEVA PRASAD C	Phoenix Groups	CORE
17	4AD15CV025	MANOJKUMAR N	CADD Station Technologies Pvt. Ltd	CORE
18	4AD15CV026	MITHUN DK	Phoenix Groups	CORE
19	4AD15CV029	NAGESH B S	Phoenix Groups	CORE
20	4AD15CV030	POOJA S	RPC Enterprises	CORE
21	4AD15CV031	PRAKRUTHI GOWDA S L	Phoenix Groups	CORE
22	4AD15CV032	PRASHANTH S V	RPC Enterprises	CORE
23	4AD15CV033	PREETHI K S	RPC Enterprises	CORE
24	4AD15CV034	RAJESHWARI B N	Phoenix Groups	CORE
25	4AD15CV036	SAGAR R	KADTECH Infraproject Pvt. Ltd	CORE
26	4AD15CV037	SAHANA S	Jain Irrigation Systems Pvt. Ltd	CORE
27	4AD15CV038	SANJANA SOORI S	Phoenix Groups	CORE
28	4AD15CV039	SANJEEVINI P	K.E.R.S	CORE
29	4AD15CV041	SHIVA PRASAD G N	Phoenix Groups	CORE

30	4AD15CV042	SHWETA C GUDLAMANI	Phoenix Groups	CORE
31	4AD15CV043	SUPRIYA S	CADD Station Technologies Pvt. Ltd	CORE
32	4AD15CV044	SUSHMA K J	VCVP Innovative Solutions	CORE
33	4AD15CV045	SYED UMAIRULLA	IKM Builders	CORE
34	4AD15CV046	THANUSHREE R	Builders Association of India, Mysuru	CORE
35	4AD15CV047	THARUN C	RPC Enterprises	CORE
36	4AD15CV049	VANISHREE C V	CADD Station Technologies Pvt. Ltd	CORE
37	4AD15CV050	VEENASHREE P	K.E.R.S	CORE
38	4AD16CV401	ASHISH P	KADTECH Infraproject Pvt. Ltd	CORE
39	4AD16CV402	CHETHANA KUMARA	KADTECH Infraproject Pvt. Ltd	CORE
40	4AD16CV404	DARSHAN M	KADTECH Infraproject Pvt. Ltd	CORE
41	4AD16CV405	DEEPIKA B	CADD Station Technologies Pvt. Ltd	CORE
42	4AD16CV406	DINESH K	KADTECH Infraproject Pvt. Ltd	CORE
43	4AD16CV407	GAURAV AKHIL Y	VCVP Innovative Solutions	CORE
44	4AD16CV408	JAYAVIJAYA B N	RPC Enterprises	CORE
45	4AD16CV409	K B PRAJWAL	CADD Station Technologies Pvt. Ltd	CORE
46	4AD16CV410	LALITHAKUMARI K S	CADD Station Technologies Pvt. Ltd	CORE
47	4AD16CV411	MOHAMMAD MUTHAHEIR M	IKM Builders	CORE
48	4AD16CV412	NAGENDRA NAIK C	SHATAYU Constructions & Consultants	CORE
49	4AD16CV413	NAVEEN KUMAR S	SHATAYU Constructions & Consultants	CORE
50	4AD16CV414	PRAMOD KUMAR R	CADD Station Technologies Pvt. Ltd	CORE
51	4AD16CV415	PRAVEENKUMAR N	CADD Station Technologies Pvt. Ltd	CORE
52	4AD16CV416	SANGEETHA S	SHATAYU Constructions & Consultants	CORE
53	4AD16CV417	SHADAB SHARIFF	IKM Builders	CORE
54	4AD16CV418	SHILPA M D	RPC Enterprises	CORE
55	4AD16CV419	TEJASHVINI V	SHATAYU Constructions & Consultants	CORE
56	4AD16CV420	THEJUS J	RPC Enterprises	CORE
57	4AD16CV421	VASANTHAKUMARA K A	SHATAYU Constructions & Consultants	CORE
58	4AD16CV422	VASUNDRA M C	SHATAYU Constructions & Consultants	CORE

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b. Internship Certificate

Few of the sample certificates is as follows:

4AD15CV047	THARUN C

RAGHAVENDRA.M.P
DCE, BE

Mob: 9738454515
#437, 2nd cross, 15th main, jaradhanagar, mysore.

RPC ENTERPRISES
AN ISO 9001 : 2015 Certified Company & NSIC Enrolled
BUILDING MATERIALS SUPPLIERS | ENGINEER | CONTRACTOR

26th Jan – 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the **Mr. Tharun C, USN: 4AD15CV047 , S/o Chandrashekar ,** pursuing 7th Semester Civil Engineering course at ATME College of Engineering, Mysore has successfully completed his internship training in our organization in Technical department from 9th Jul-2018 to 5th Aug-2018.

He has completed the Internship training under the guidance of Mr.Raghavendra M.P, Project Manager – Technical.

During this period **Mr. Tharun c** has shown keen interest and completed the internship training successfully.

We wish him success in future endeavors.

RPC INFRASTRUCTURE
RIGHT TO YOUR IMAGINATION

For RPC Enterprises/Infrastructure
Raghavendra M.P
Manager

HOD
HOD
Department of Civil Engineering
ATME College of Engineering
Mysore-570 028

4AD16CV407	GAURAV AKHIL Y

VCVP
INNOVATIVE SOLUTIONS

#18,6th main SBI road,
Hebbal 1st stage,
Mysore - 16
vcvp.innovativesolutions@gmail.com
+91 9916220961

Date:10/9/2018

INTERNSHIP COMPLETION CERTIFICATE

Mr. Gaurav Akhil Y bearing a USN 4AD16CV407 , a student of 7th semester Civil Engineering department of ATME College of Engineering Mysuru, is successfully completed 4 weeks of internship program in our esteemed organization. During the internship the student was found to be involved in all types of experimental and analytical problems of their works. Thanks for giving us an opportunity to train the student in this report.

Thanking You

Authorized Signature

VCVP INNOVATIVE SOLUTIONS MYSURU-16

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ATME College of Engineering
Mysore-570 028

4AD16CV409	K B PRAJWAL

Certificate of Internship

WE PRESENT THIS CERTIFICATE TO

K. B. PRAJWAL

IN APPRECIATION OF SUCCESSFUL WORK AS AN INTERN

AT

CADD STATION TECHNOLOGIES PVT. LTD.,

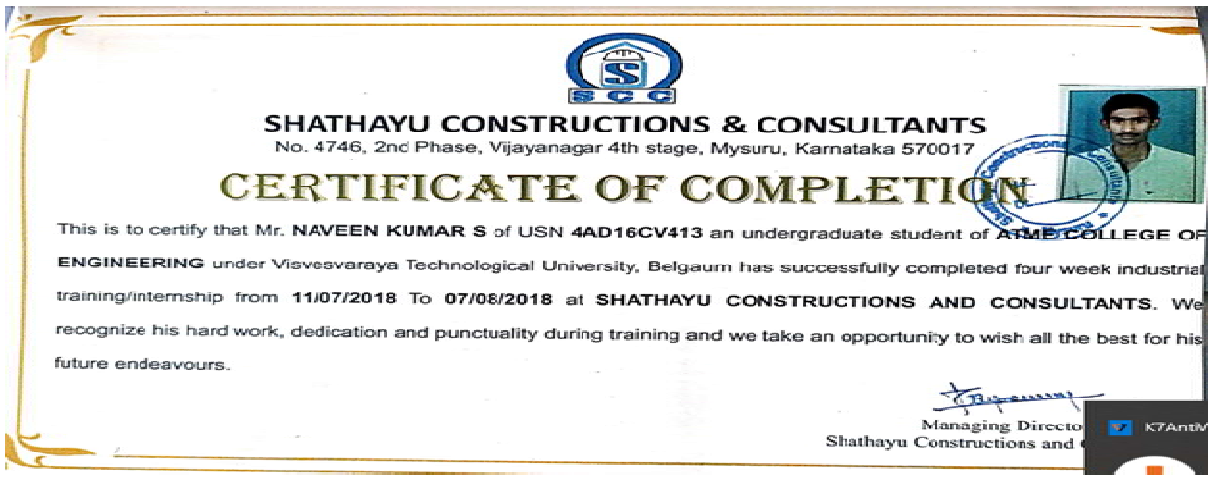
THE INTERNSHIP WAS CONDUCTED BETWEEN FROM 09.07.2018 TO 05.08.2018

DIRECTOR
CSTPL, MYSURU

CSTPL
08.08.2018

DIRECTOR
CSTPL, MYSURU

4AD16CV413	NAVEEN KUMAR S



SHATHAYU CONSTRUCTIONS & CONSULTANTS

No. 4746, 2nd Phase, Vijayanagar 4th stage, Mysuru, Karnataka 570017

CERTIFICATE OF COMPLETION

This is to certify that Mr. **NAVEEN KUMAR S** of USN **4AD16CV413** an undergraduate student of **ATME COLLEGE OF ENGINEERING** under Visvesvaraya Technological University, Belgaum has successfully completed four week industrial training/internship from **11/07/2018** To **07/08/2018** at **SHATHAYU CONSTRUCTIONS AND CONSULTANTS**. We recognize his hard work, dedication and punctuality during training and we take an opportunity to wish all the best for his future endeavours.

Managing Director
Shathayu Constructions and

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a. Internship

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

Academic Year: 2019-20

Sl. No	USN	Student Name	Organization in which Internship Conducted	Domain
1	4AD14CV002	ADITHYA ARADHYA K R	VPJ CONSTRUCTION	Construction
2	4AD14CV023	MAMATHA M K	Builders Association of India	Construction
3	4AD14CV027	MEGHANA N	Builders Association of India	Construction
4	4AD14CV050	SOUJANYA R	Builders Association of India	Construction
5	4AD14CV053	SUPRITH S	Builder's Association of India	Construction
6	4AD15CV009	DEEKSHITH V V	BSR Pvt Ltd company	Construction
7	4AD15CV010	DEVARAJU C	Baruni Civil Consultants Pvt. Ltd	Construction
8	4AD15CV035	SACHIN C	RPC Enterprises/Infrastructure	Construction
9	4AD15CV040	SHASHWATHA R	Builders Association of India	Construction
10	4AD16CV001	A NIKITH	Builders Association of India	Construction
11	4AD16CV003	AKASH T C	Builders Association of India	Construction
12	4AD16CV004	ALEN JOE FLETCHER	Builders Association of India	Construction
13	4AD16CV005	ANIL G N	Builders Association of India	Construction
14	4AD16CV006	ANJANA M K	Builders Association of India	Construction
15	4AD16CV007	ANUSHA A S	Builders Association of India	Construction
16	4AD16CV008	ANUSHA M S	Builders Association of India	Construction
17	4AD16CV009	ASHRITHA M L	Baruni Civil Consultants Pvt. Ltd	Construction
18	4AD16CV010	BHAGYAJYOTI	Builders Association of India	Construction
19	4AD16CV011	CHANDANA N	Builders Association of India	Construction
20	4AD16CV012	DARSHAN B	Baruni Civil Consultants Pvt. Ltd	Construction
21	4AD16CV013	DARSHAN M D	CONTRIVER pvt.ltd	Construction
22	4AD16CV014	DEEPAK M P	SRK Consultants and Builders	Construction
23	4AD16CV015	DILEEP KUMAR J	Builders Association of India	Construction

24	4AD16CV016	HARSHA N R	RAKSHA ENGINEERS	Construction
25	4AD16CV017	HEMANTH	Baruni Civil Consultants Pvt. Ltd	Construction
26	4AD16CV018	HITESH BM	Sheethal Engineers Private Limited	Construction
27	4AD16CV019	JEEVITHA M	Shathayu Constructions and Consultants	Construction
28	4AD16CV020	KUSUMA B E	Builder's Association of India	Construction
29	4AD16CV021	MADHURA C	Builder's Association of India	Construction
30	4AD16CV023	MANOJ S L	Baruni Civil Consultants Pvt. Ltd	Construction
31	4AD16CV024	MOHAMMED HANNAN	IKM Builders	Construction
32	4AD16CV025	NAMITHA B V	SRK Consultants and Builders	Construction
33	4AD16CV026	NANDISH K R	GRAVITY ONE	Construction
34	4AD16CV027	NAVYA T J	Baruni Civil Consultants Pvt. Ltd	Construction
35	4AD16CV029	PAVITHRA M Y	Builder's Association of India	Construction
36	4AD16CV030	PRAJWAL A R	Sheethal Engineers Private Limited	Construction
37	4AD16CV033	RAJATHA B L	SRK Consultants and builders	Construction
38	4AD16CV034	RAMITHA H E	Design Tree Service Consultants Pvt Ltd	Construction
39	4AD16CV035	SACHIN GOWDA G K	Baruni Civil Consultants Pvt. Ltd	Construction
40	4AD16CV036	SAHAL KHAN	Baruni Civil Consultants Pvt. Ltd	Construction
41	4AD16CV037	SAHANA P	Baruni Civil Consultants Pvt. Ltd	Construction
42	4AD16CV038	SANJAYGOWDA B S	Sheethal Engineers Private Limited	Construction
43	4AD16CV039	SHUBHASHREE R V	SRK Consultants & Builders	Construction
44	4AD16CV040	SPOORTHI U	Builder's Association of India	Construction
45	4AD16CV041	SURABHI K N	Baruni Civil Consultants Pvt. Ltd	Construction
46	4AD16CV044	UDAYAPRASAD G R	Baruni Civil Consultants Pvt. Ltd	Construction
47	4AD16CV046	YESHWANTH M K	Baruni Civil Consultants Pvt. Ltd	Construction

48	4AD16CV047	ZEESHAN HAIDER ANSARI	Baruni Civil Consultants Pvt. Ltd	Construction
49	4AD16CV048	YATISH M J	Builder's Association of India	Construction
50	4AD17CV401	AKASH S	Builder's Association of India	Construction
51	4AD17CV402	ARPITHA H P	Builder's Association of India	Construction
52	4AD17CV403	AYMAN MEHRAJ	TRUMBOO Group of Constructions	Construction
53	4AD17CV404	DIVAKAR M	Builder's Association of India	Construction
54	4AD17CV405	GHANAVI M K	SRK Consultants and Builders	Construction
55	4AD17CV406	HARISH K R	Builder's Association of India	Construction
56	4AD17CV407	HARSHARAJ J	Builder's Association of India	Construction
57	4AD17CV408	HARSHITHKUMARA H S	Builder's Association of India	Construction
58	4AD17CV410	MANIKANTA R	Builder's Association of India	Construction
59	4AD17CV411	MANJUNATH K S	Sheethal Engineers Private Limited	Construction
60	4AD17CV412	MITHAVACHANA BJ	Sheethal Engineers Private Limited	Construction
61	4AD17CV413	MOHAMMED SAQIB	IKM Builders	Construction
62	4AD17CV414	MOHAMMED SAQIBULLA	Builder's Association of India	Construction
63	4AD17CV415	PAVITHRA H C	Builder's Association of India	Construction
64	4AD17CV416	PRAJWAL B U	Builder's Association of India	Construction
65	4AD17CV417	PRAJWAL K M	Builder's Association of India	Construction
66	4AD17CV418	PRAJWAL M R	Builder's Association of India	Construction
67	4AD17CV419	PUNEETH M	Builder's Association of India	Construction
68	4AD17CV420	RAVIKUMAR S	Builder's Association of India	Construction
69	4AD17CV421	SALMAN SHARIFF	IKM Builders	Construction
70	4AD17CV422	SANTHOSH KUMAR A S	Builder's Association of India	Construction
71	4AD17CV423	SANTHOSH P	Baruni Civil Consultants Pvt. Ltd	Construction
72	4AD17CV424	SHALINI	Builder's Association of India	Construction
73	4AD17CV425	SHILPA B R	Builder's Association of India	Construction
74	4AD17CV426	SHILPASHREE K S	Builder's Association of India	Construction
75	4AD17CV427	TEJAS D P	Builder's Association of India	Construction
76	4AD17CV428	ZAIB KHAN	IKM Builders	Construction
77	4AD17CV429	ZAIBAN PASHA	IKM Builders	Construction

b. Internship Certificate

Few of the sample certificates is as follows:

4AD14CV050	SOUJANYA R

4AD16CV019	JEEVITHA M

4AD16CV030	PRAJWAL A R

SEPL

SHEETHAL ENGINEERS PVT LTD

LIC NO: 33595 DATE: 25-02-2020

Certificate of Internship

This is certify that **Mr. PRAJWAL A R**, USN **4AD16CV030**
Student of ATME College of Engineering, Mysore has undergone internship training in "**CONSTRUCTION OF RESIDENTIAL BUILDING**" at Sheethal Engineers Pvt Ltd
From 08-07-2019 to 08-08-2019.

During this period his performance was good , We Wish him a bright future.

For Sheethal Engineers Pvt Ltd

SUMANTH JAIN
(Project Incharge)

SHEETHAL ENGINEERS PVT LTD

Scanned with CamScanner

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Mysore-570 028

One Week Internship programme organised in association with Shilpi, Builder's association of India on the trending construction in different soil Condition for Final year students

The programme focused on practical application like, marking of centre line, excavation, reinforcement of footings in column, different types of foundation, Beam and slab detailing.

The senior engineers instructed and guided the students. About 25 students attended in the batch of 2 and gained practical knowledge about Basic Construction of building.

ATME College of Engineering

Department of Civil Engineering

Students of VIIthsem have attended 20 days internship on 'High rise buildings-Apartment constructions' in association with BAI Association held at Silver Spring Apartment construction at Hootgalli road.

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Mysore-570 028

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

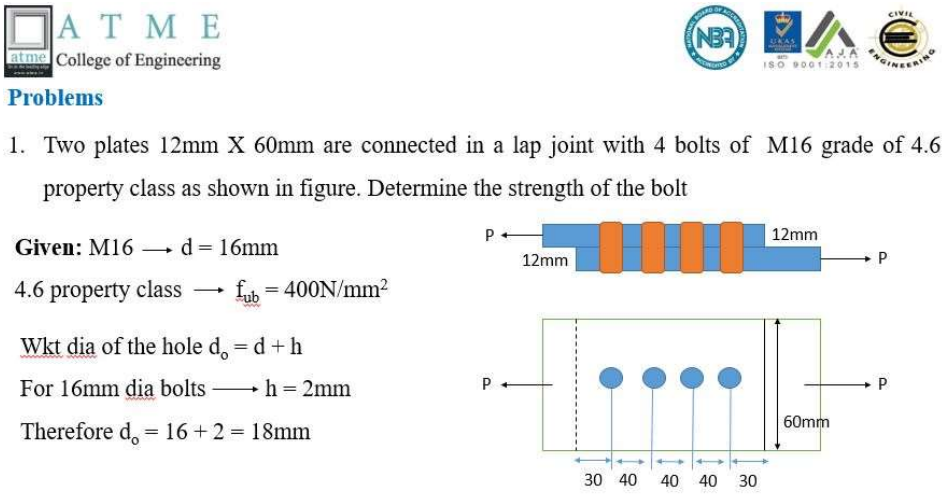
Additional Learning ICT Resources
1. EDUSAT 2. Digital Library 3. Study Materials 4. CERP **5.** Flipped Classroom

➢ 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 Strctures
Course Code:17CV62
Course Coordinator: Mr.Srivatsha H U
Module:2



ATME College of Engineering

Problems

1. 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 ⟶ d = 16mm

4.6 property class ⟶ f_{ub} = 400N/mm^2

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

For 16mm dia bolts ⟶ h = 2mm

Therefore d_o = 16 + 2 = 18mm

ATME College of Engineering

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 $n_n = 1$

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

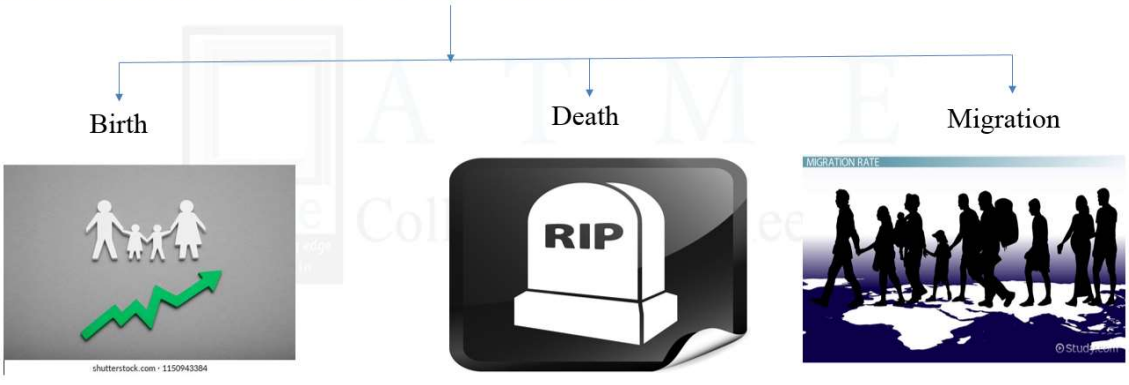
$$V_{dsb} = \frac{400}{\sqrt{3} * 1.25} \left[1 * 0.78 * \frac{\Pi d^2}{4} + 0\right]$$

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

Course: Water supply and Treatment Engineering
Course Code: 17CV46
Course Coordinator: Ms. Shruthi H G
Module:1

ATME College of Engineering

POPULATION DATA AND POPULATION GROWTH

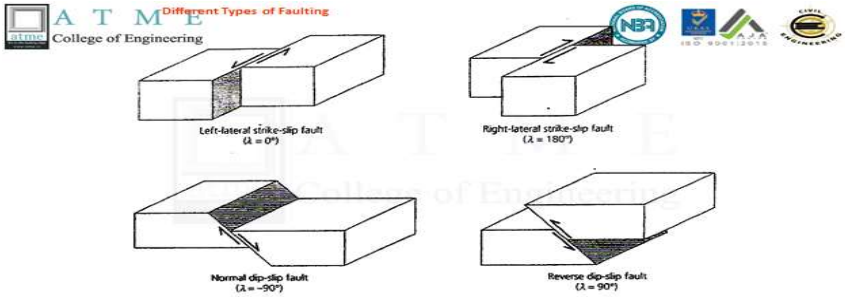


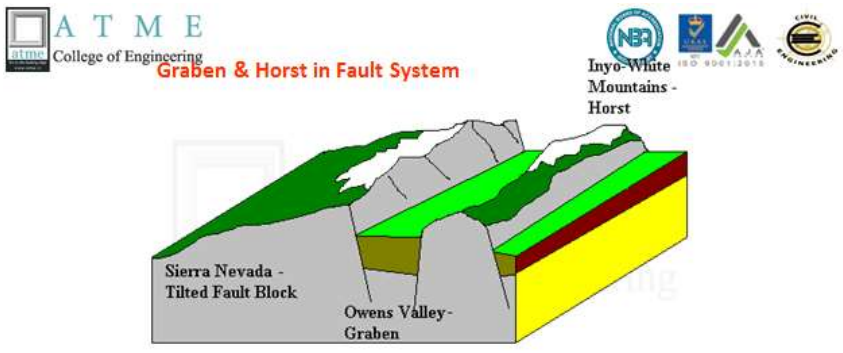
Activate Windows
Go to PC settings to activate Windows.

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

Activate Windows
Go to PC settings to activate Windows.

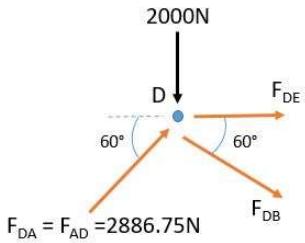
Course: Earth quake engineering
Course Code: 17CV831
Course Coordinator: Mr Manu Vijay
Module:1

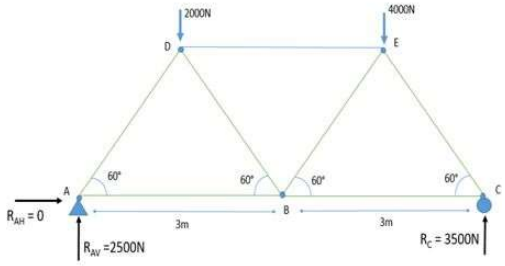


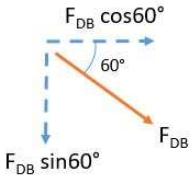


Course: Elements of Civil Engineering and Mechanics
Course Code: 18CV14
Course Coordinator: Mrs Bharthi B
Module:3

Consider Joint D



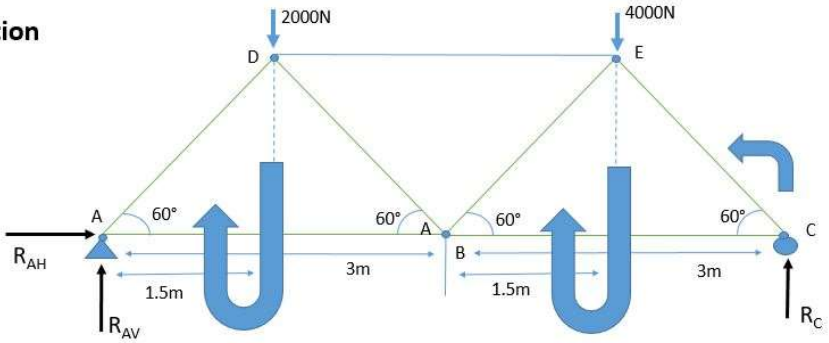




$\sum F_y = 0$, -2000 + 2886.75 sin60° - F_{DB} sin60° = 0
F_{DB} = 577.35N (T)

$\sum F_x = 0$, 2886.75 cos60° - F_{DE} + F_{DB} cos60° = 0
2886.75 cos60° - F_{DE} + 577.35 cos60° = 0
F_{DE} = - 1732.05N (C)

Solution



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

$\sum F_y = 0$, R_{AV} + R_C – 2000 – 4000 = 0
R_{AV} + R_C = 6000N

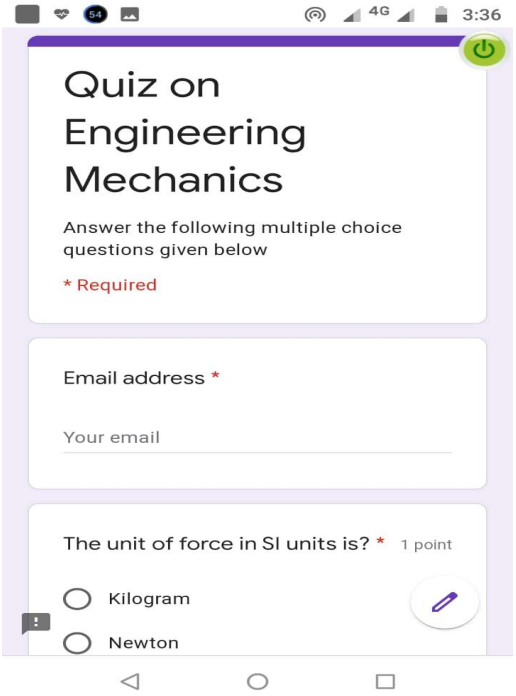
Taking moment of forces about A
$\sum M_A = 0$, (R_{AH} * 0) + (R_{AV} * 0) + (2000 * 1.5) + (4000 * 4.5) – (R_C * 6) = 0
R_C = 3500N

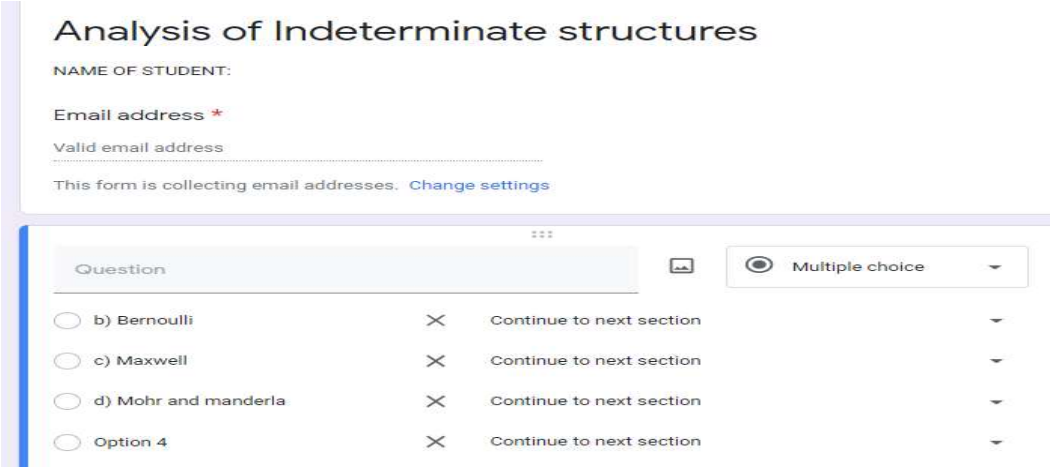
Wkt R_{AV} + R_C = 6000
R_{AV} + 3500 = 6000 R_{AV} = 2500N

➢ 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 collaboration and sharing 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.





➢ 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.

Sample Response screenshot is shown below

Course : Fluid Mechanics

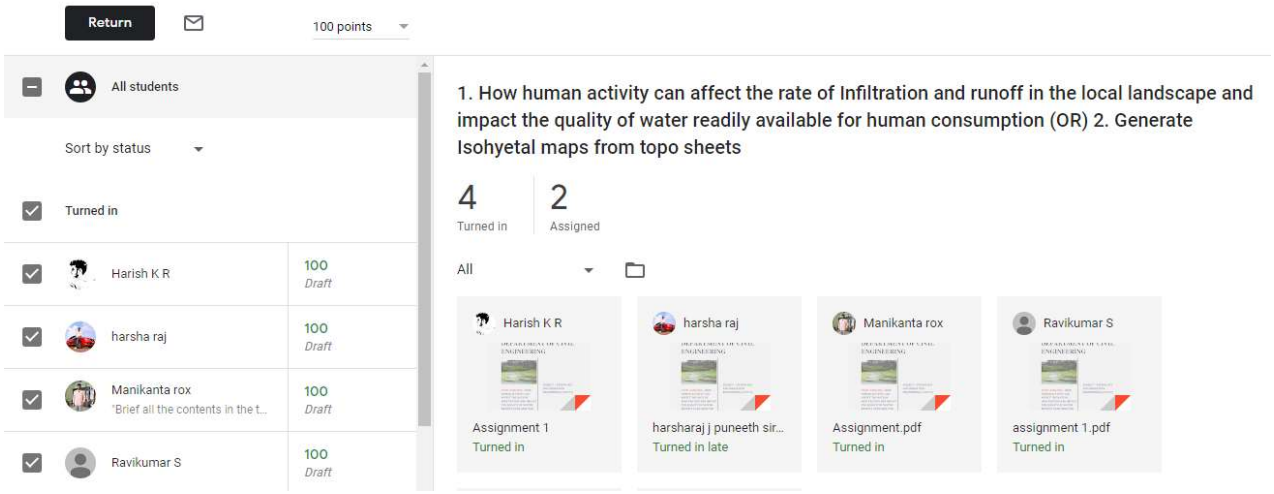
Date Created	Total Participants	Semester
10/10/2019 3:55:50 PM	19	3rd
Average Score	**Subject Name**	**Section**
55.30%	Fluid Mechanics	B

Results Detail

NAME OF THE STUDENT	Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Total Points	Score
	Answer Key	C	D	B	D	A	B	A	B	A	D	10.00	100.00%
DARSHAN N S	E2BF16	C	D	D	D	D	C	B	B	B	D	5.00	50.00%
DEEPTHI J	E348AC	C	C	A	C	D	D	A	C	B	D	3.00	30.00%
SHIVARAJ	E2BFAD	D	B	A	C	C	D	B	B	B	D	2.00	20.00%
AMRUTHA K K	E34815	C	A	B	D	A	A	D	B	A	D	7.00	70.00%
AKSHATHA G C	E2BFC8	C	D	B	C	D	A	C	B	B	D	5.00	50.00%
MONISHA	E2D423	C	D	B	D	C	D	B	B	B	D	6.00	60.00%
LOCHAN	E3491A	C	B	B	D	A	B	A	B	A	D	9.00	90.00%
PRAVEEN M D	E34880	C	D	B	C	D	D	C	B	B	D	5.00	50.00%
NIKHIL GOWDA	E2BFAC	C	B	B	C	A	D	D	B	A	D	6.00	60.00%

➢ GOOGLE CLASSROOM ASSIGNMENTS

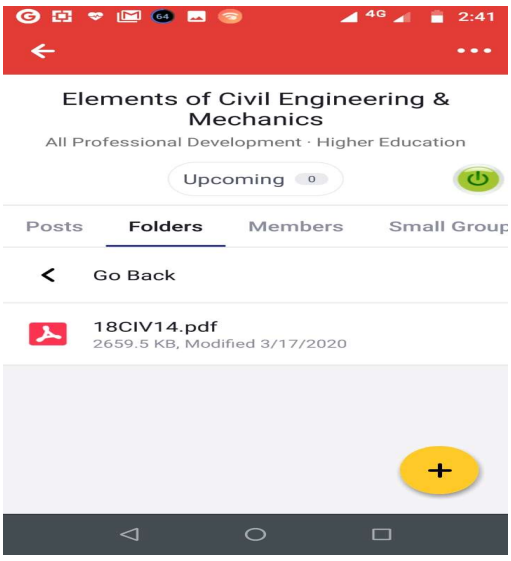
Higher semester students were given with innovative assignments through the google classroom app. Innovative assignments were kind of mini projects in which student had to prepare a report and submit it only through the google classroom. These assignments were also evaluated in the same platform.

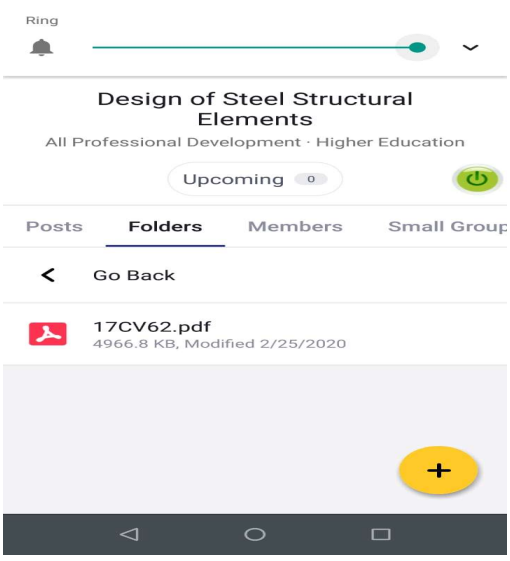


➢ EDMODO

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

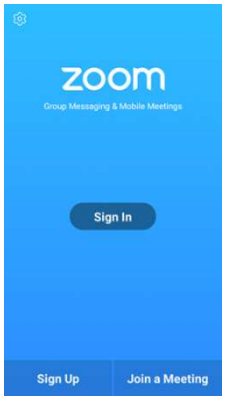
You tube channel has been created for lab purpose titled "Atme Civil Mysore". Experiments prescribed as per the course syllabus of the university has been conducted and video graphed by faculties and are uploaded in the channel for student perusal.

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
5th semester	Highway materials lab	Mr Rudresh A N	Impact test on aggregate	https://youtu.be/3Koj4Rc7kbM
5th	Concrete lab	Mr Rudresh A N	Initial setting time of cement	https://youtu.be/JGIIgGOGouo

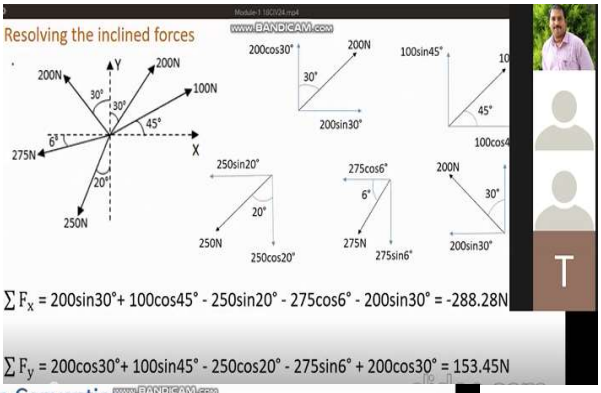
7th	Enviormental enginneirng lab	Mrs Bharathi B	Flame photoameter	https://youtu.be/5Zwf2lan9ww

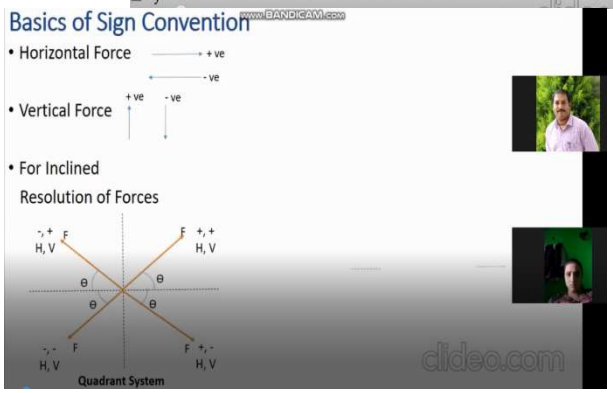
➢ ZOOM



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.

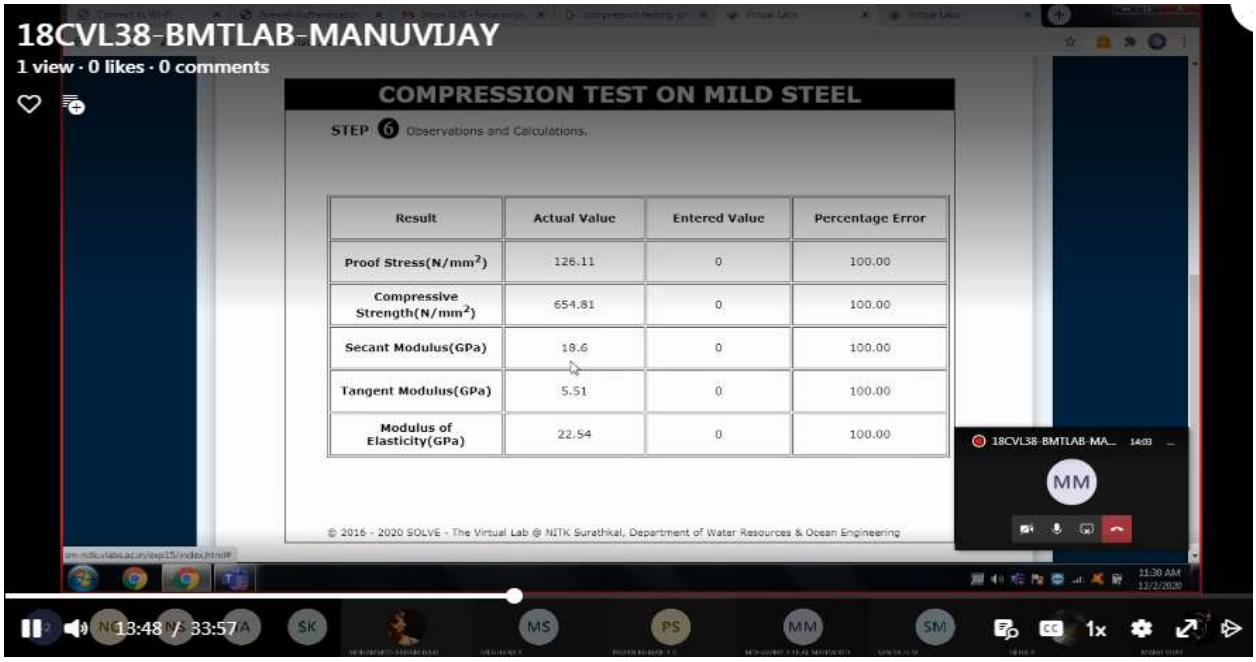
During the COVID-19 lockdown period the department faculties are using application for online teaching.

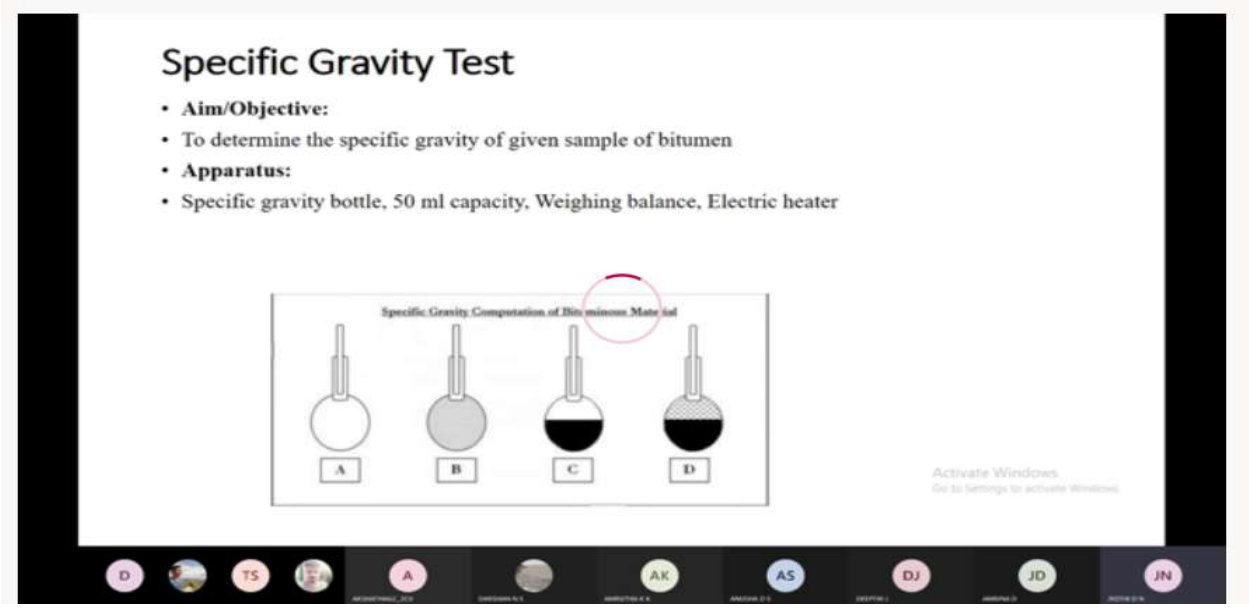




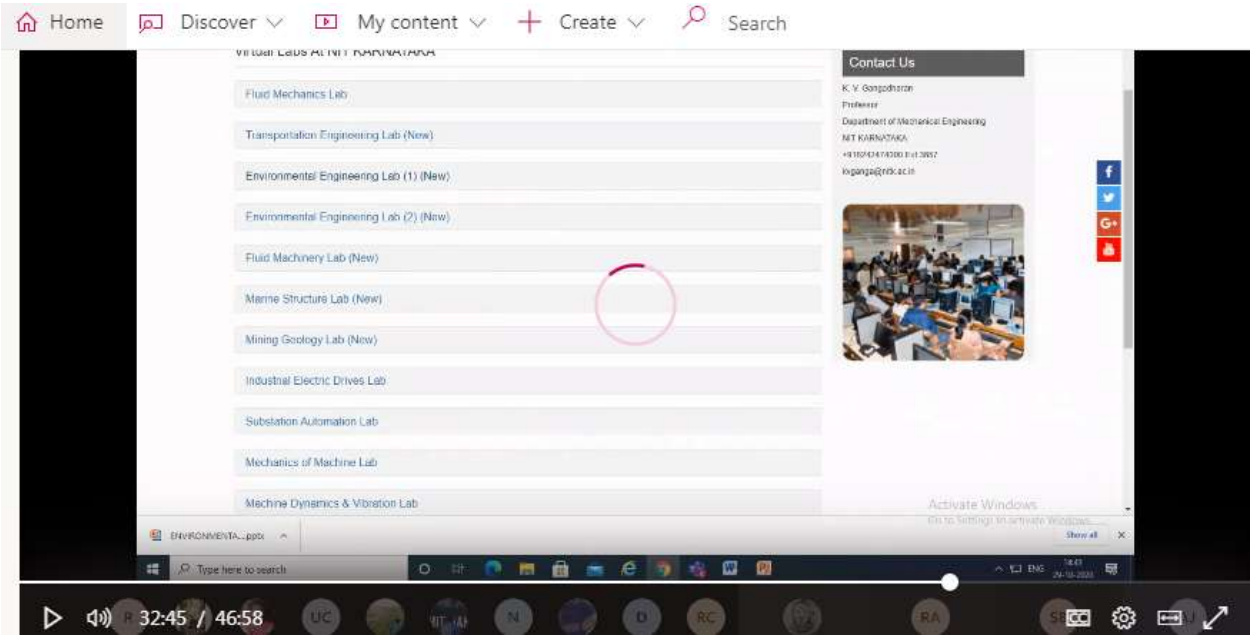
➢ VIRTUAL LABS

Virtual Lab Screenshot



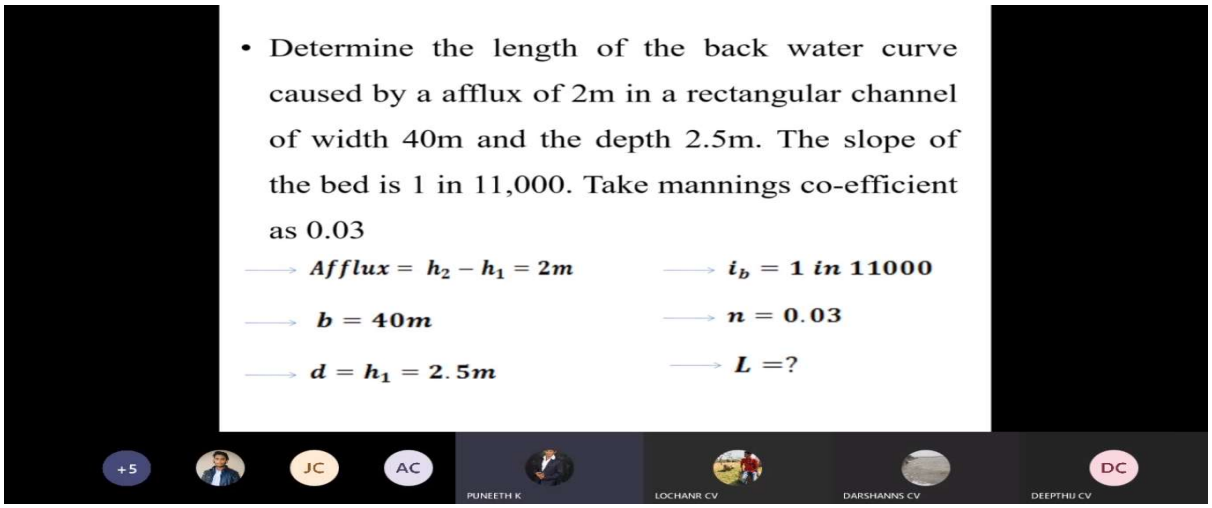


VIRTUAL Lab: Relay and HV Lab

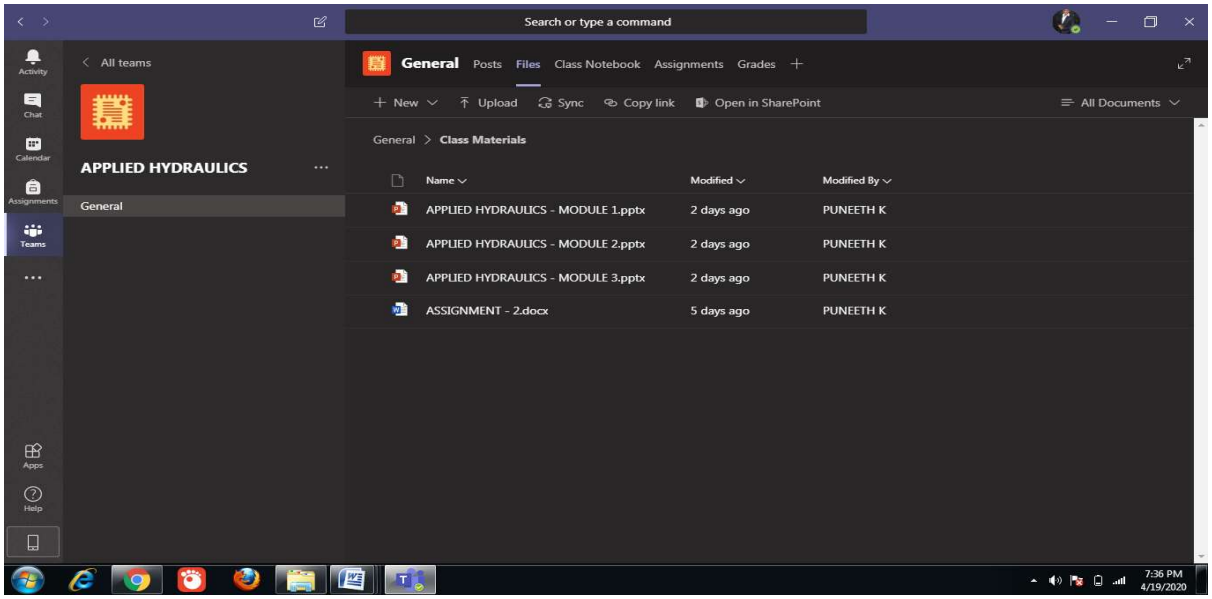


➢ MICROSOFT TEAMS

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.



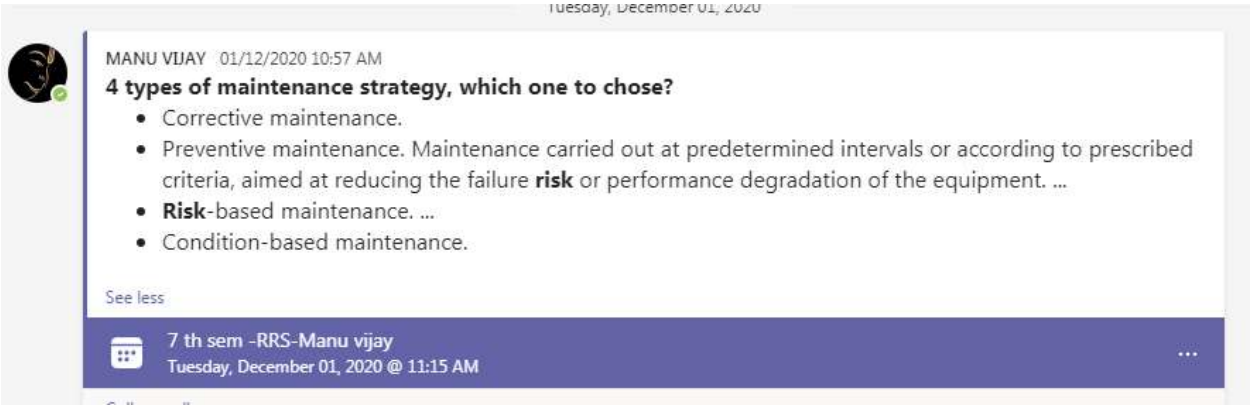
During the COVID-19 lockdown period the department faculties have conducted online classes for students and also assignments, quizzes were conducted in the team app for all civil engineering subjects.

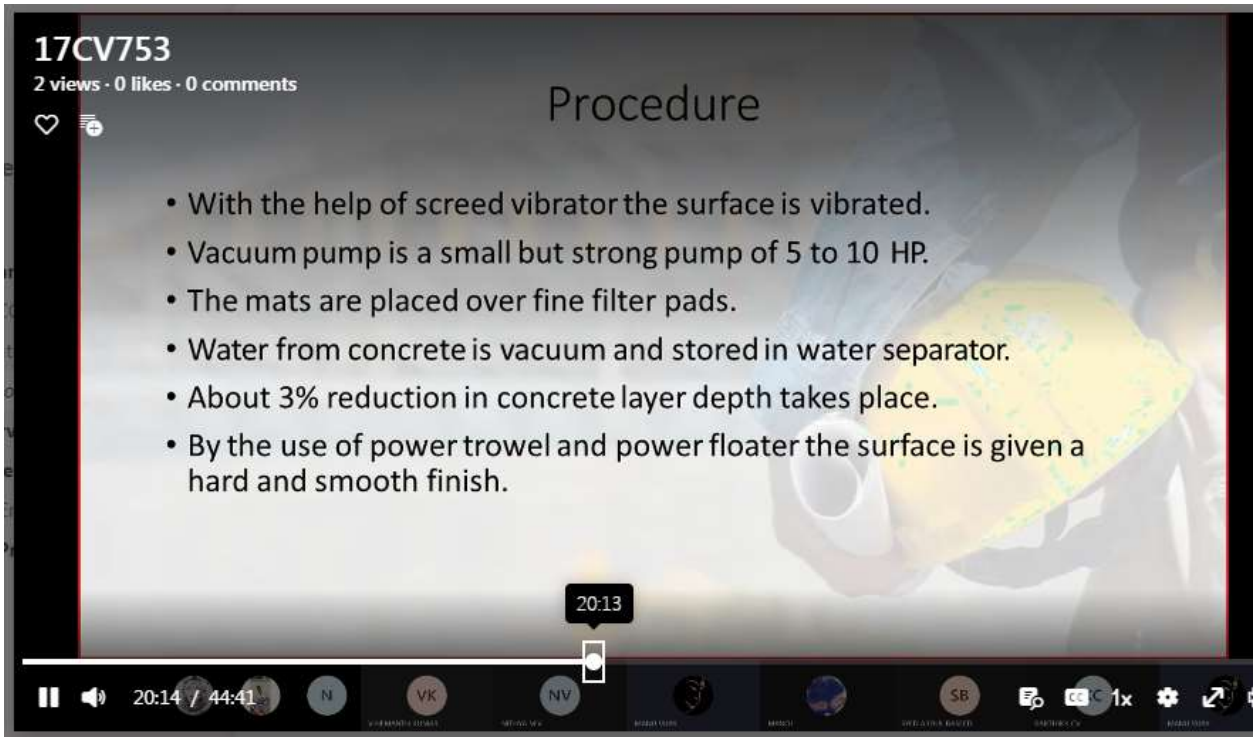


Faculties are sharing Notes, PPT's, Question Banks and recorded videos related to various subjects through "Microsoft Team" application.

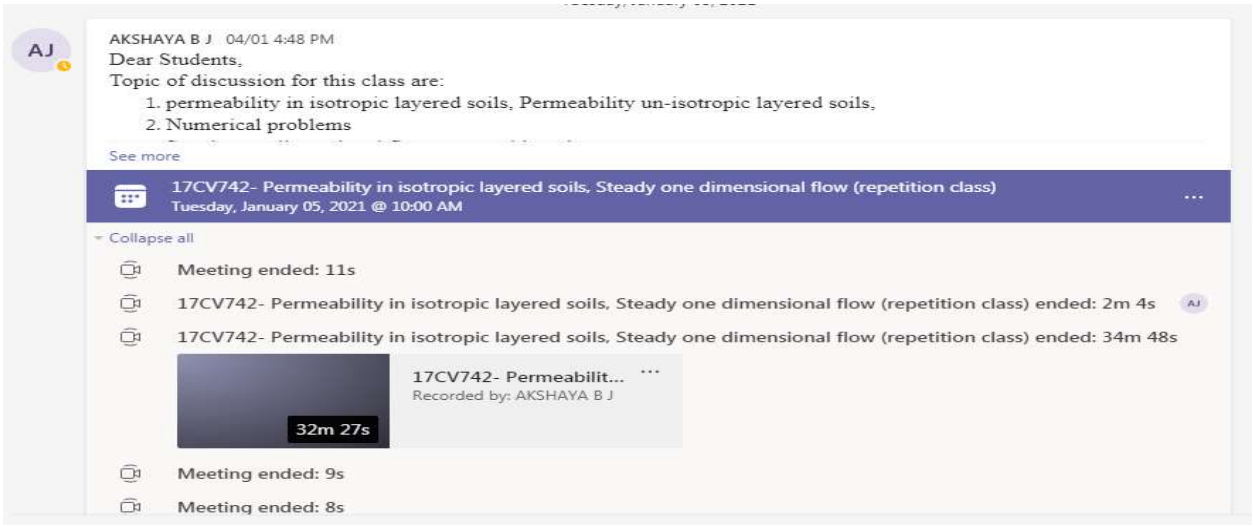
1. MS Teams Delivery Sample Screenshots

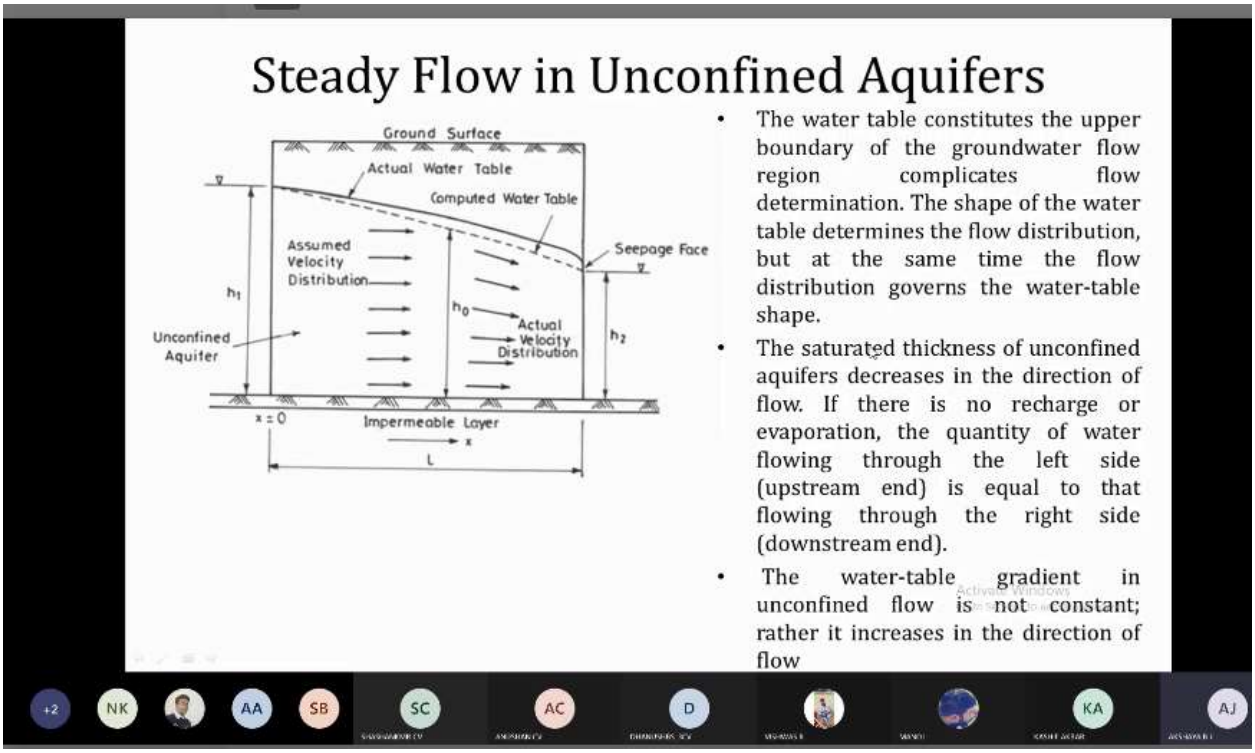
Manu Vijay
Associate Professor & HoD



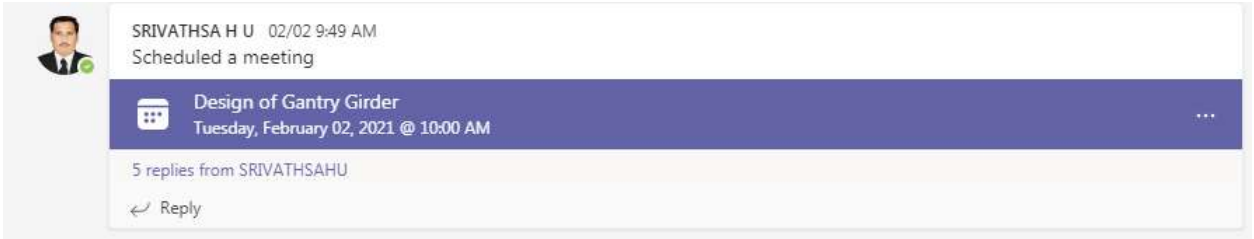


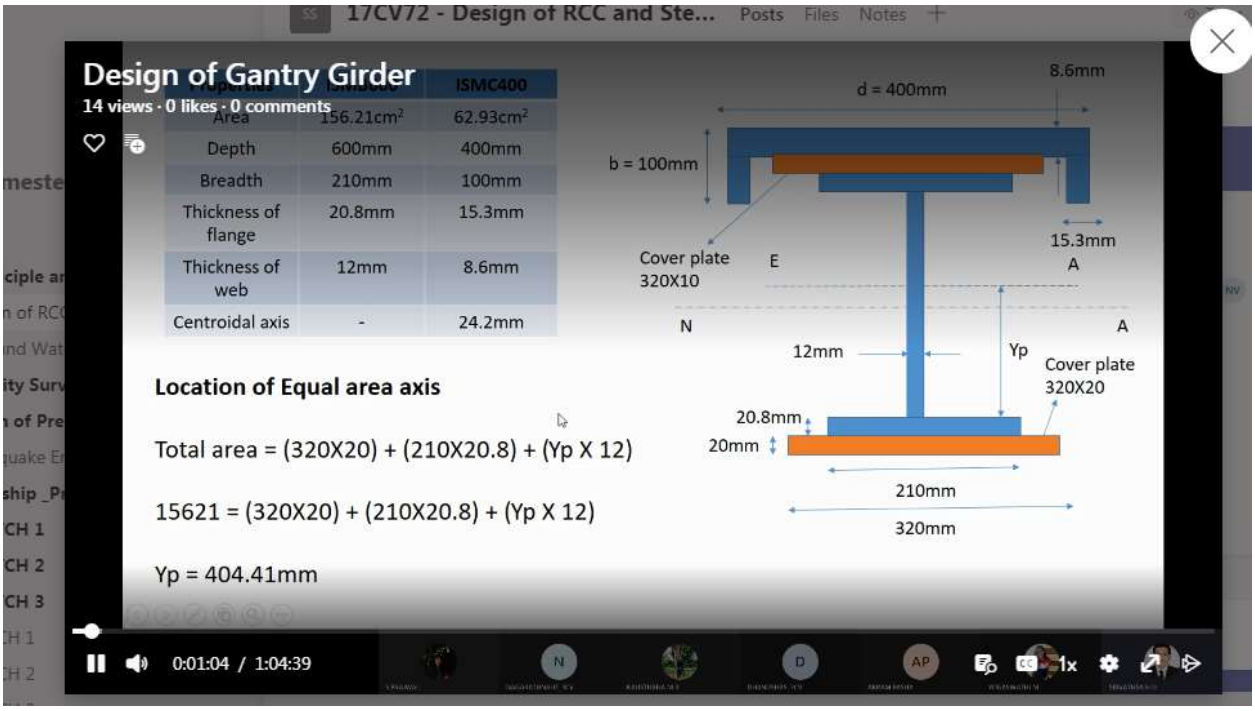
Dr Akashaya B J
Associate Professor



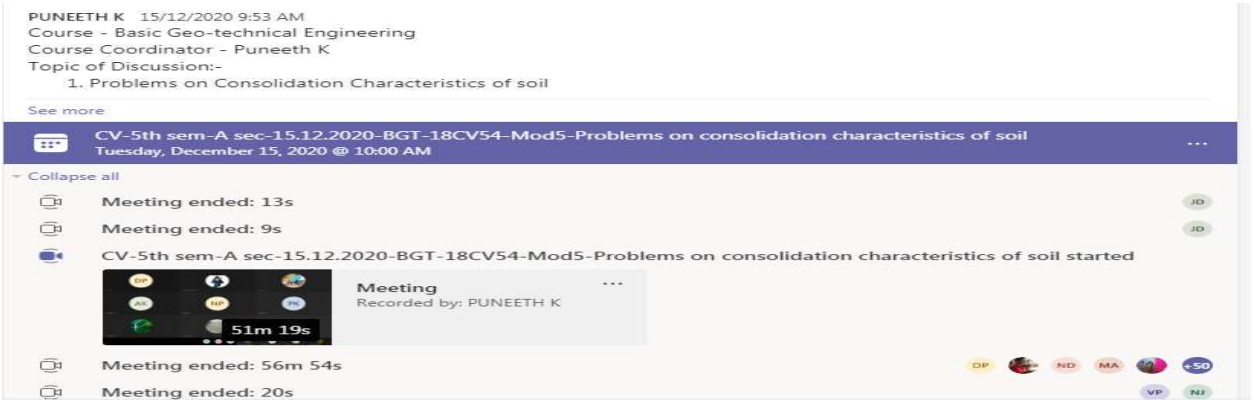


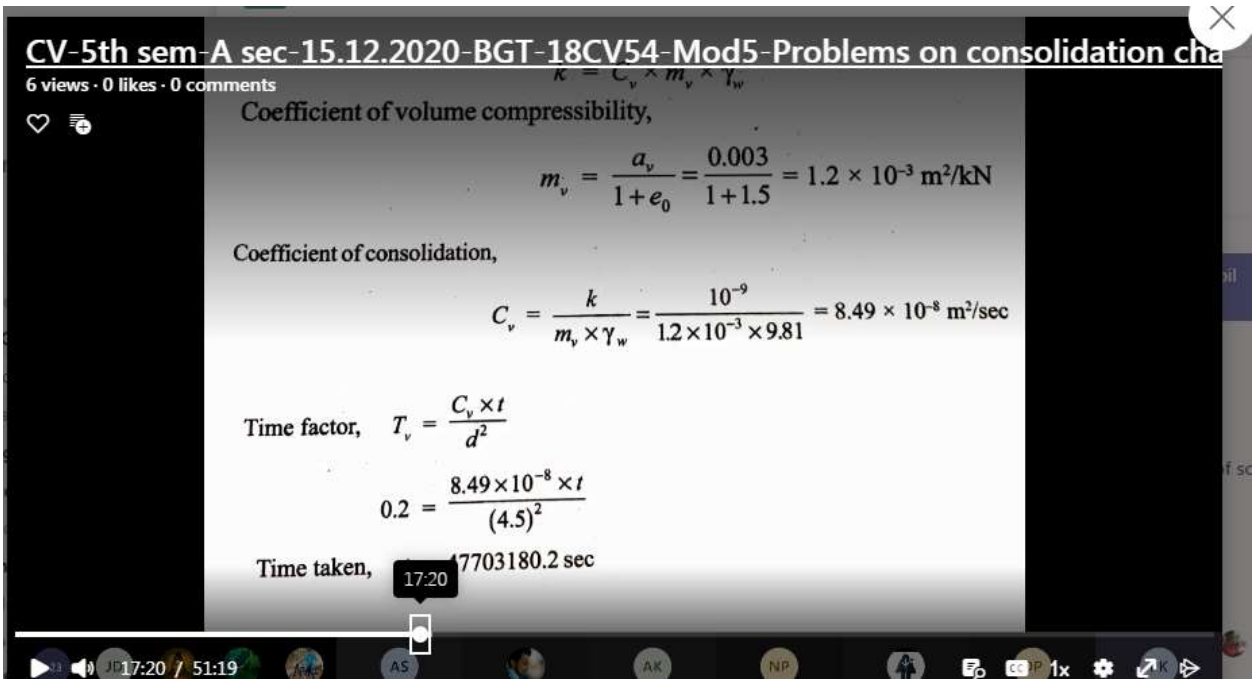
Mr. Srivatsha H U
Assistant Professor



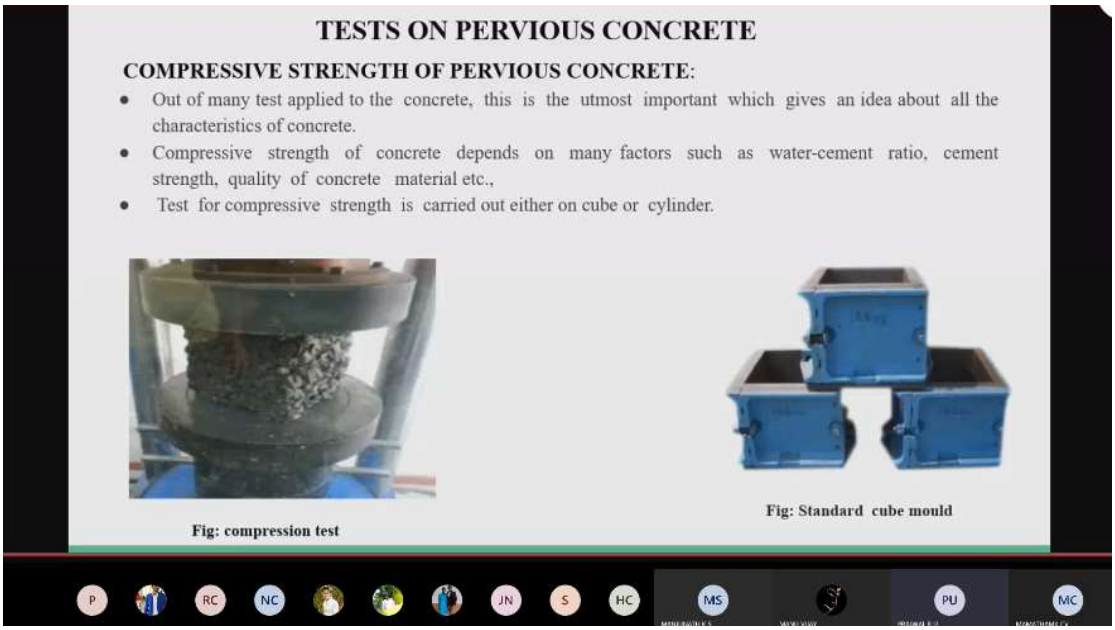


Mr. Puneth K
Assistant Professor

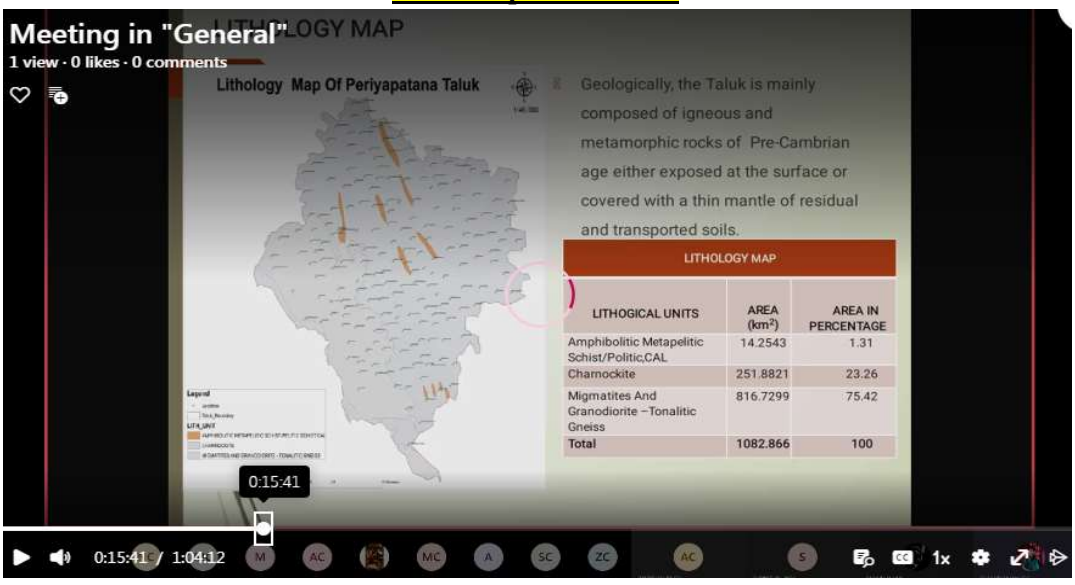


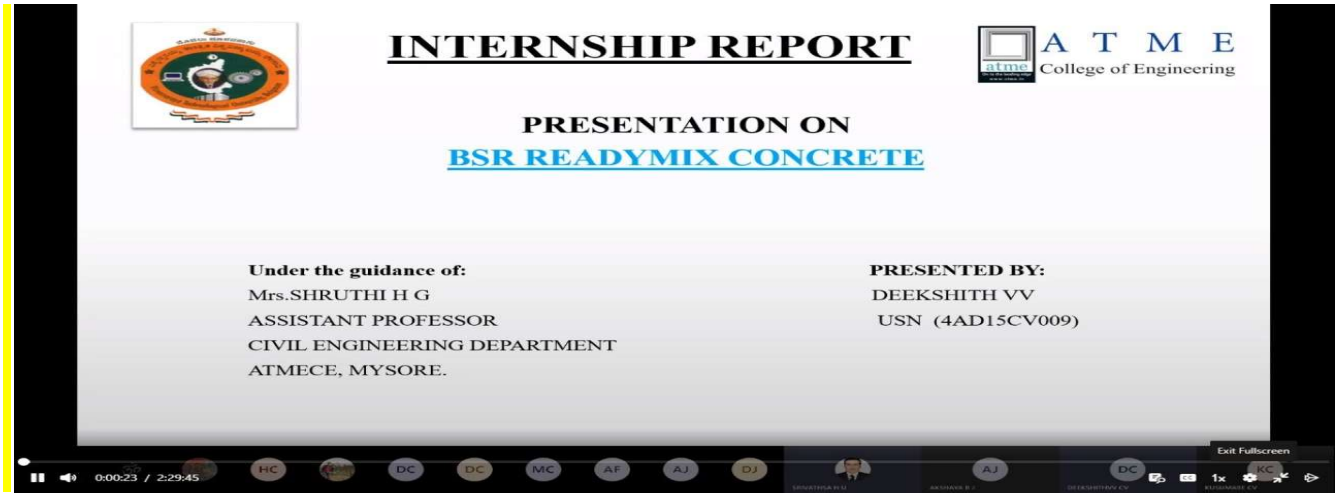


MS Teams Screenshot Project Evaluation:

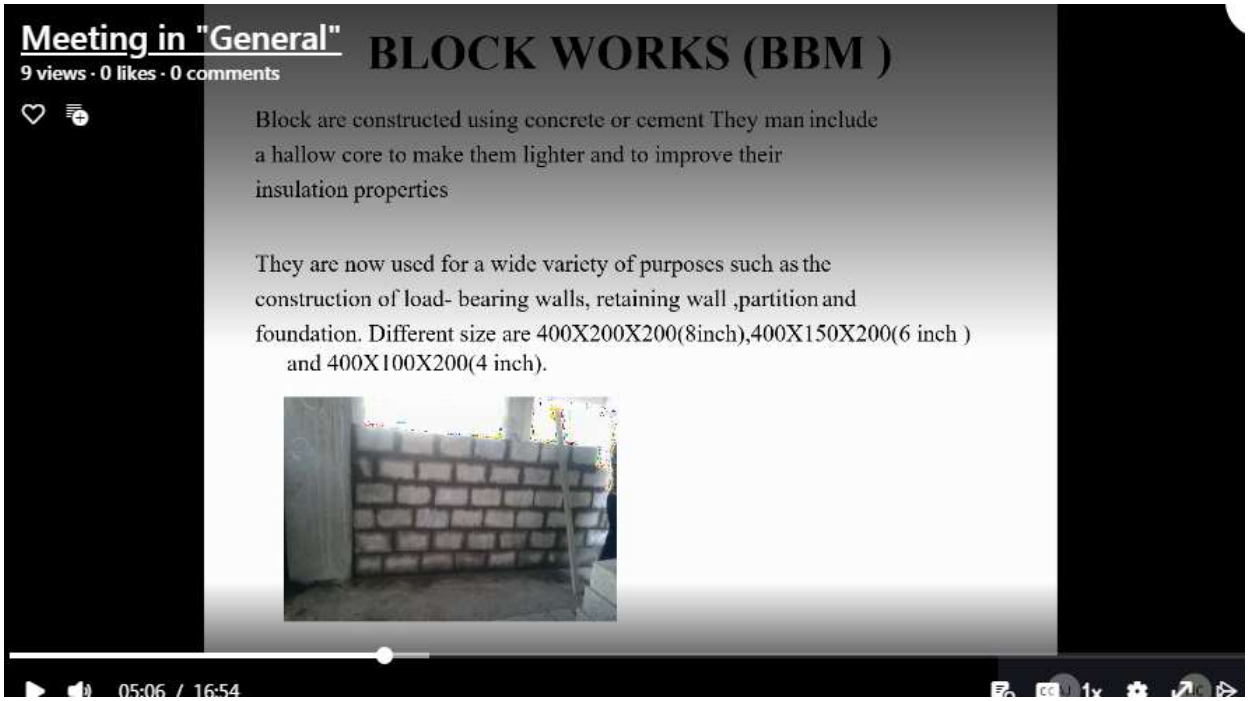


Internship Evaluation:





Seminar Evaluation



Sample MS Teams Links

Note: Official ID Required to access

2019-2020[Even Semester]

VIII Semester:

Course	Code	Faculty	Module	Link of AV files
PSOC	15CV81	Mrs Jyothi D N	M4	https://web.microsoftstream.com/video/85eec53e-a0f2-4f63-9390-4b7923acd51c
IDA	15CV82	Mr.Mandeep G	M3	https://web.microsoftstream.com/video/9c979038-86b3-450a-9dad-b2e21c01363a

VI Semester:

Course	Code	Faculty	Module	Link of AV files
DSS	17CV62	Mr. Srivatsha H U	M1	**https://web.microsoftstream.com/video/59e692d2-9f57-4a20-9016-9916da79be82**
GIT	17CV654	Mr Manu Vijay	M3	https://web.microsoftstream.com/video/be0e60c7-4e12-403c-8922-b31dd2067dfc

IV Semester:

Course	Code	Faculty	Module	Link of AV files
WS	18CV46	Mrs. Shruthi H G	2	h https://web.microsoftstream.com/video/c137bf54-82b3-44a3-b12d-d63394e63a55
CT	18CV44	Mr.Mandeep G	5	https://web.microsoftstream.com/video/627ded77-ee5f-4884-8087-b7fbf857e8e8

II Semester:

Course	Code	Faculty	Module	Link of AV files
BCE	18ECE23	Mrs Bharathi B	2	https://web.microsoftstream.com/video/76be5211-c74e-4705-9270-48999ae57caa

2020-2021[ODD Semester]

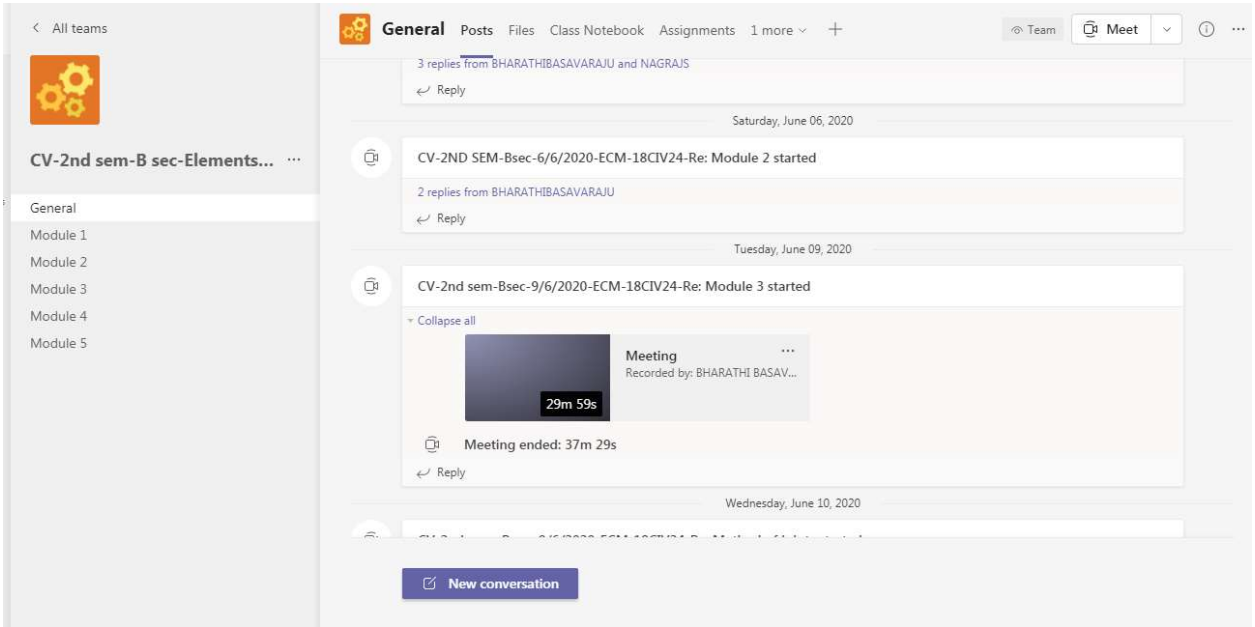
Course	Code	Faculty	Module	Link of AV files
MC	18CV51	Mandeep G	5	https://web.microsoftstream.com/video/a0117e80-8667-4552-821c-7e58f0d962dc

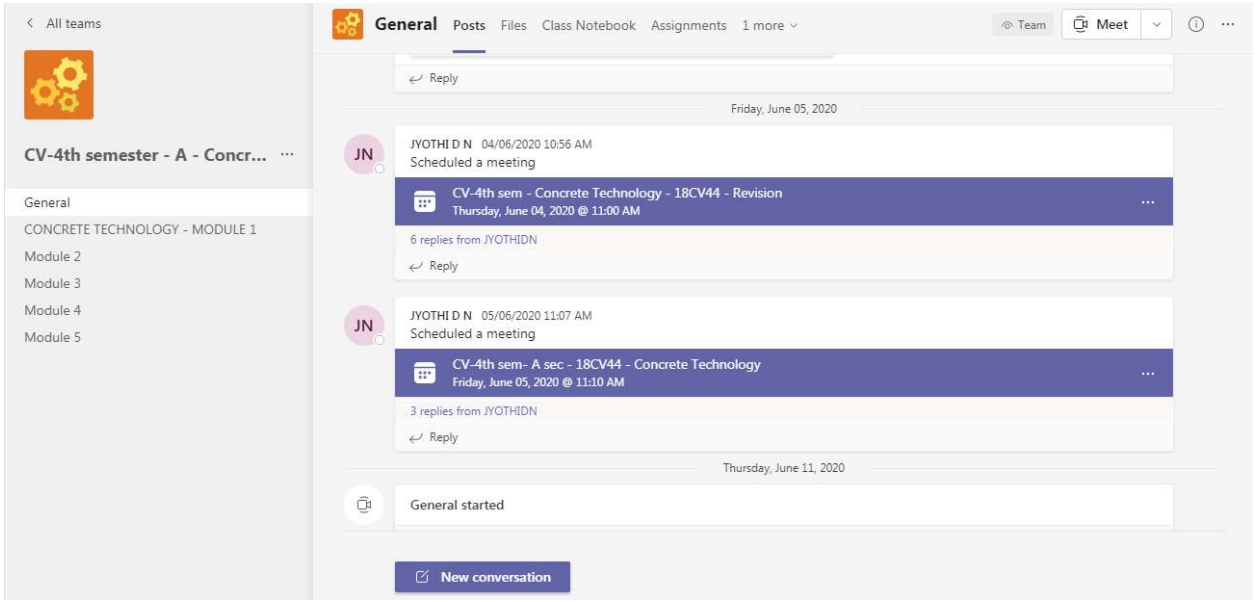
Course	Code	Faculty	Module	Link of AV files
MWE	17CV71	Mrs Jyothi D N	3	https://web.microsoftstream.com/video/12958c13-316e-4b11-b1af-d8c231b9dc8b

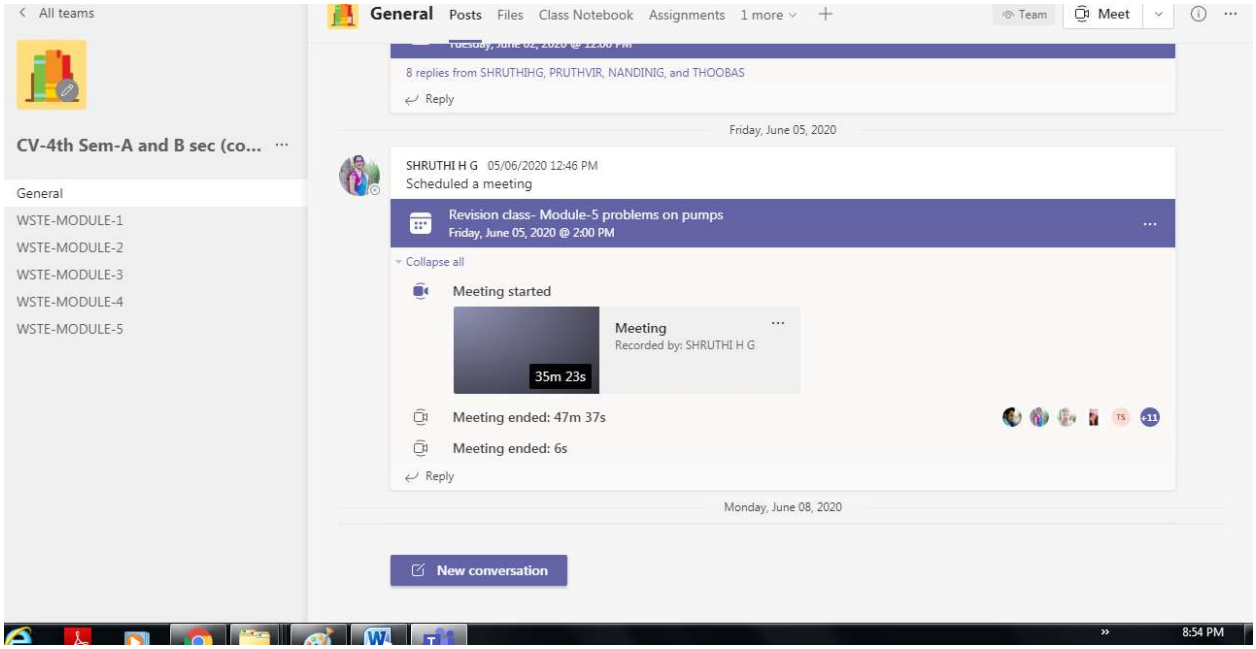
2020-2021[Even Semester]

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

MS Teams Channel Screenshot




All teams
CV-4th semester - A - Concr...
General
CONCRETE TECHNOLOGY - MODULE 1
Module 2
Module 3
Module 4
Module 5
General
Posts
Files
Class Notebook
Assignments
1 more
Team
Meet
Reply
Friday, June 05, 2020
JYOTHI D N 04/06/2020 10:56 AM
Scheduled a meeting
CV-4th sem - Concrete Technology - 18CV44 - Revision
Thursday, June 04, 2020 @ 11:00 AM
6 replies from JYOTHIDN
Reply
JYOTHI D N 05/06/2020 11:07 AM
Scheduled a meeting
CV-4th sem- A sec - 18CV44 - Concrete Technology
Friday, June 05, 2020 @ 11:10 AM
3 replies from JYOTHIDN
Reply
Thursday, June 11, 2020
General started
New conversation


All teams
CV-4th Sem-A and B sec (co...
General
WSTE-MODULE-1
WSTE-MODULE-2
WSTE-MODULE-3
WSTE-MODULE-4
WSTE-MODULE-5
General
Posts
Files
Class Notebook
Assignments
1 more
Team
Meet
8 replies from SHRUTHIHG, PRUTHVIR, NANDINIG, and THOOBAS
Reply
Friday, June 05, 2020
SHRUTHI H G 05/06/2020 12:46 PM
Scheduled a meeting
Revision class- Module-5 problems on pumps
Friday, June 05, 2020 @ 2:00 PM
Collapse all
Meeting started
35m 23s
Meeting
Recorded by: SHRUTHI H G
Meeting ended: 47m 37s
Meeting ended: 6s
Reply
Monday, June 08, 2020
New conversation
8:54 PM

EDUSAT/Digital Library

NPTEL/EDUSAT Video Lecture Session

Digital Library

Students can access Learning resources through digital library

Instructional Materials:

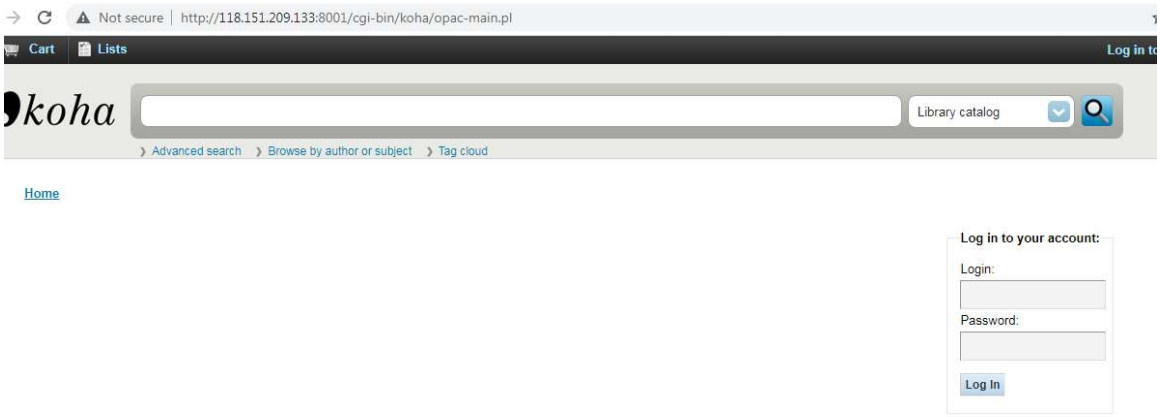
- ATME Library is a resource center for teaching, learning & research.
- Library has e-Learning Centre, Reference Section and Journals/Magazines.
- Library holds a hybrid collection of printed as well as electronic resources which include books, journals, databases, audio-visuals, CDs/DVDs, e-books, 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

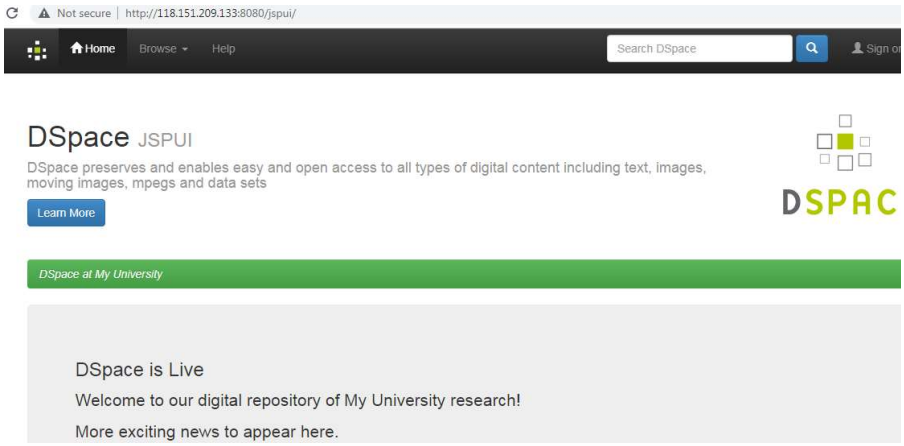
Sl.No.	DATABASE NAME	WEBSITE
1	IEEE Xplore Digital Library	http://ieeexplore.ieee.org//
2	Science Direct	http://www.sciencedirect.com/
3	Springer (E-Journals & E-Books)	http://link.springer.com/
4	NPTEL online videos	http://www.nptelvideos.com/
5	ProQuest	http://search.proquest.com/

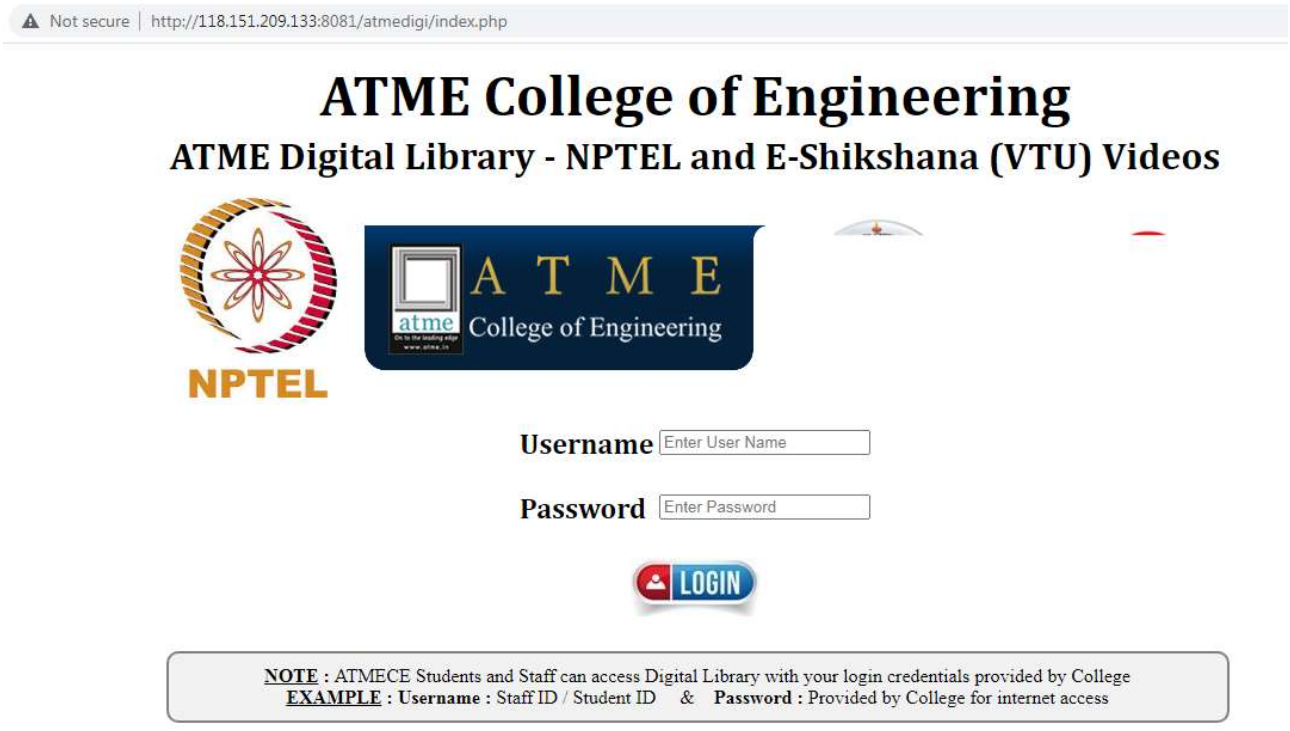
National Digital Library Of India

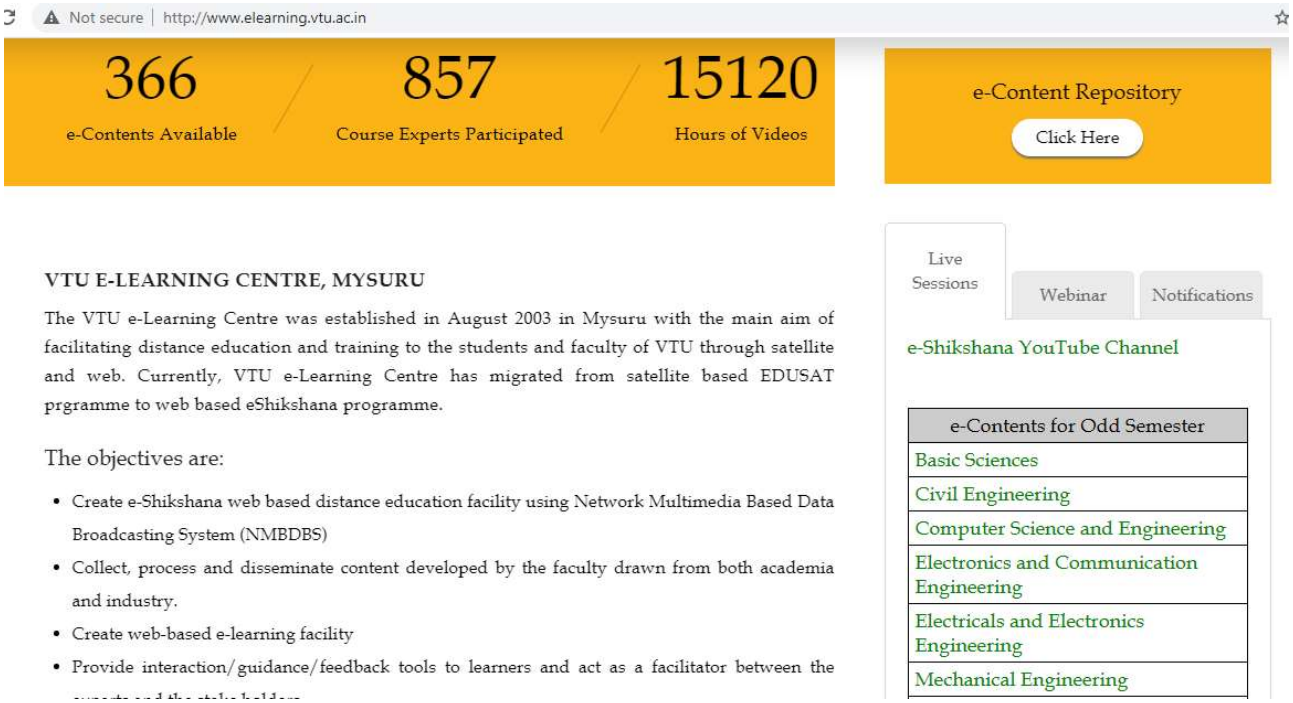
ATMECE is a member of the National digital Library. The Ministry of Human Resource Development, Govt. of India, under its National Mission on Education through Information and Communication Technology has entrusted IIT Khargapur to host, coordinate and set-up National Digital Library towards building 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.




Not secure | http://118.151.209.133:8080/jspui/
Home
Browse
Help
Search DSpace
Sign on
DSpace JSPUI
DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets
Learn More
DSPAC
DSpace at My University
DSpace is Live
Welcome to our digital repository of My University research!
More exciting news to appear here.


Not secure | http://118.151.209.133:8081/atmedigi/index.php
ATME College of Engineering
ATME Digital Library - NPTEL and E-Shikshana (VTU) Videos
NPTEL
ATME College of Engineering
Username
Enter User Name
Password
Enter Password
LOGIN
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



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Mysore-570 028

Student Learning Resources

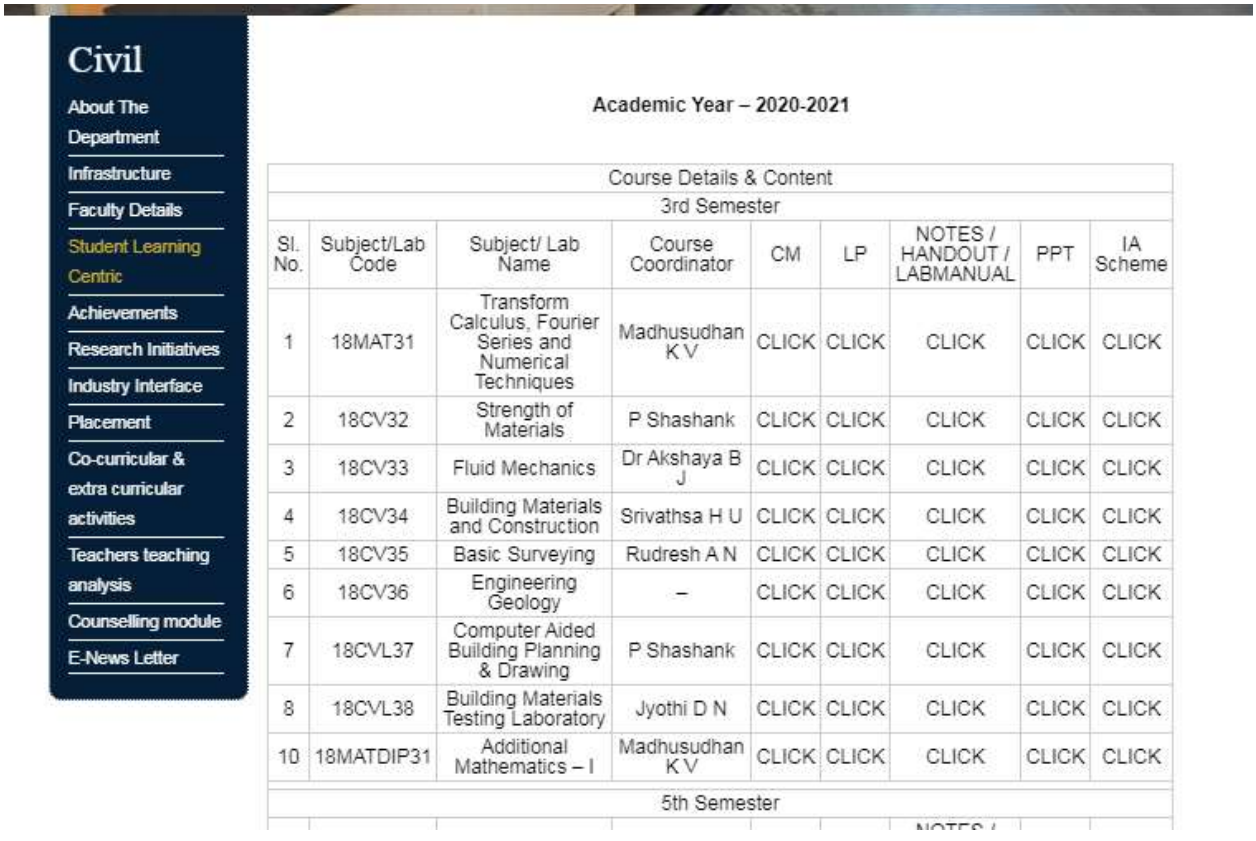
Student Learning Resources are made available in

- **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/



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

Academic Year – 2020-2021

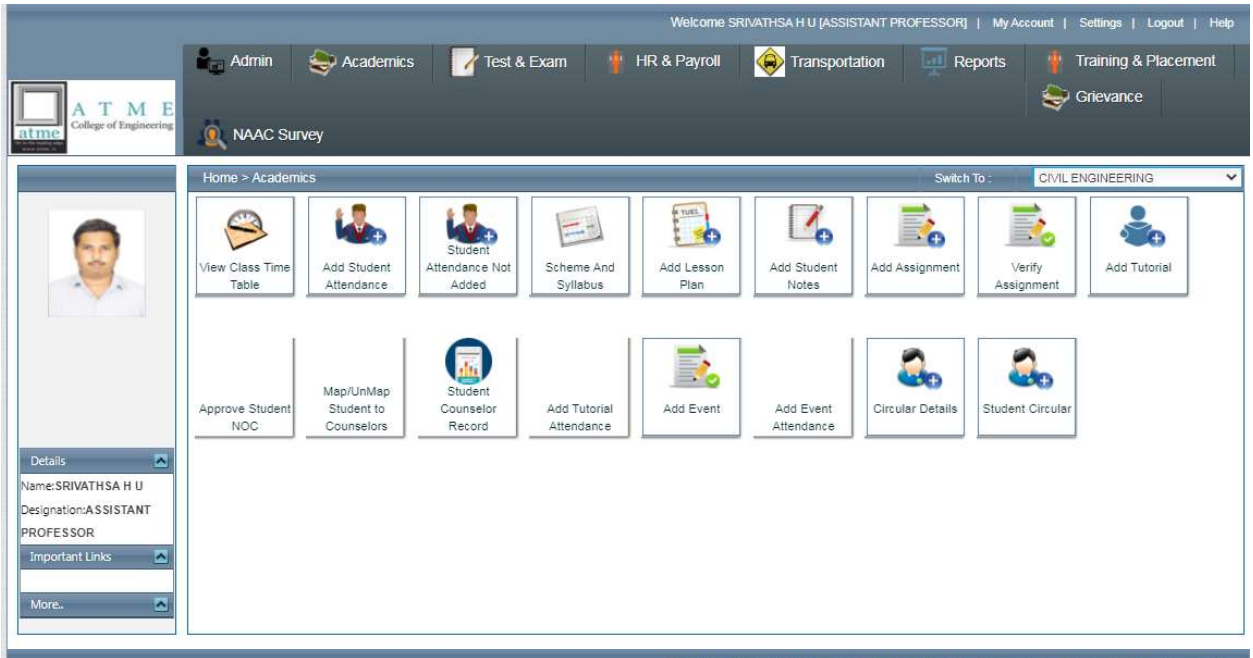
Course Details & Content								
3rd Semester								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Madhusudhan K V	CLICK	CLICK	CLICK	CLICK	CLICK
2	18CV32	Strength of 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								

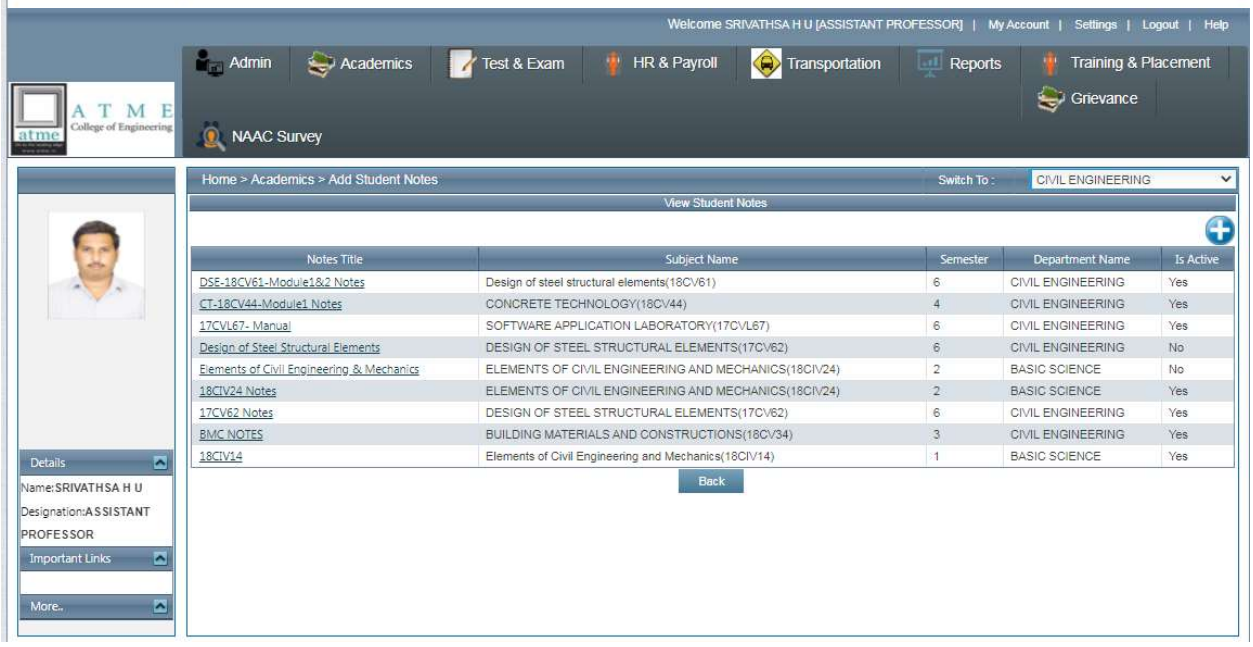
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
11	18CV51	Construction Management & Entrepreneurship	Mandeep G	CLICK	CLICK	CLICK	CLICK	CLICK
12	18CV52	Analysis of Indeterminate Structures	Manu Vijay	CLICK	CLICK	CLICK	CLICK	CLICK
13	18CV53	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 CERP

College Enterprise Resource Planning (CERP)

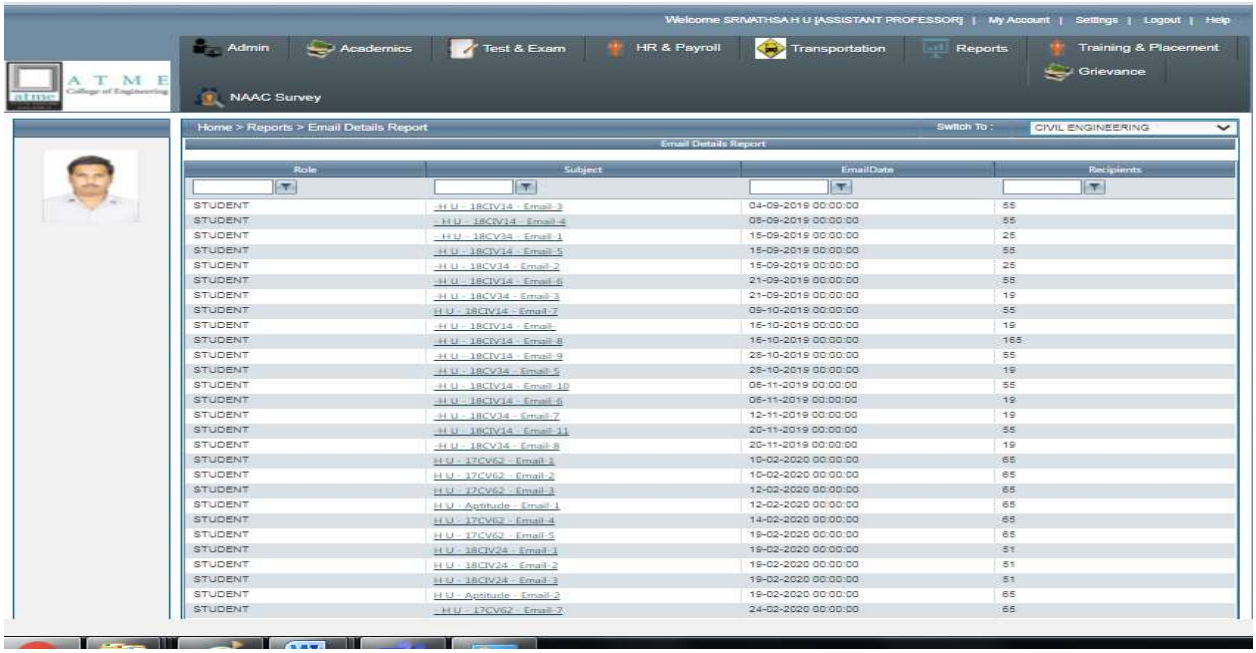
1. Notes and PPT
2. CERP Link : https://eerp.effia.co.in/Webforms/frmLogin.aspx

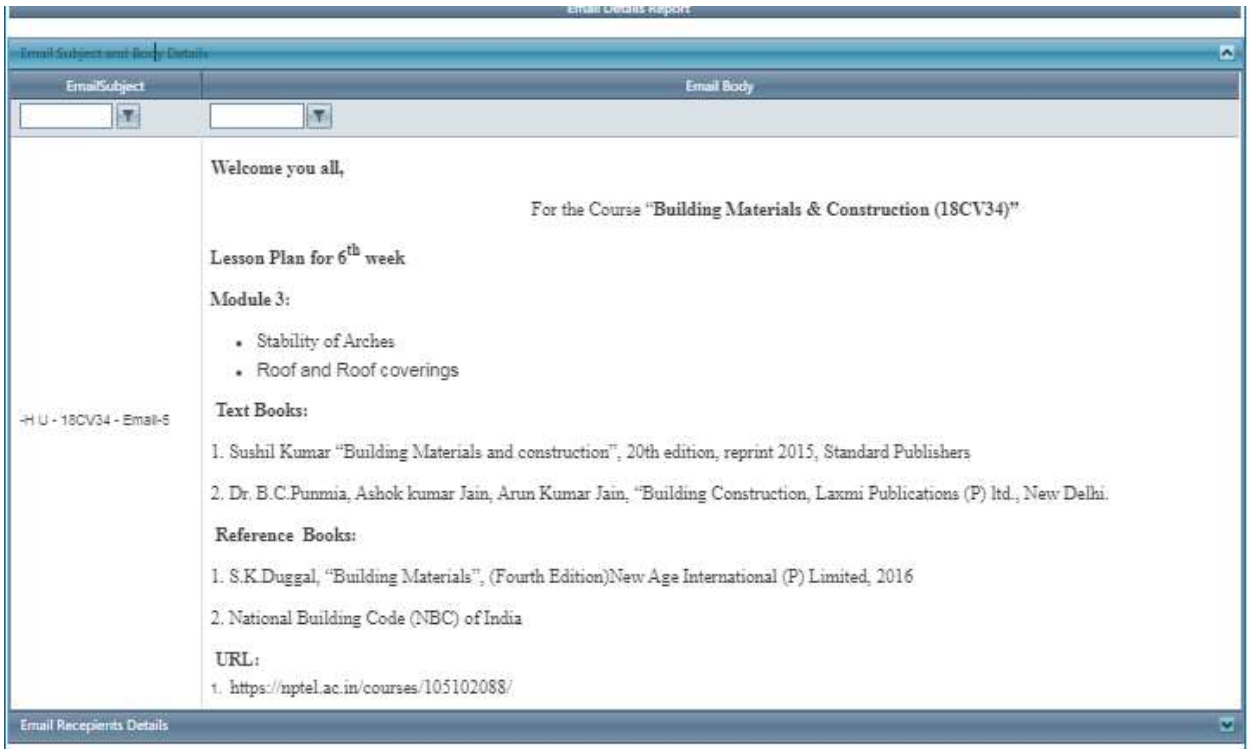


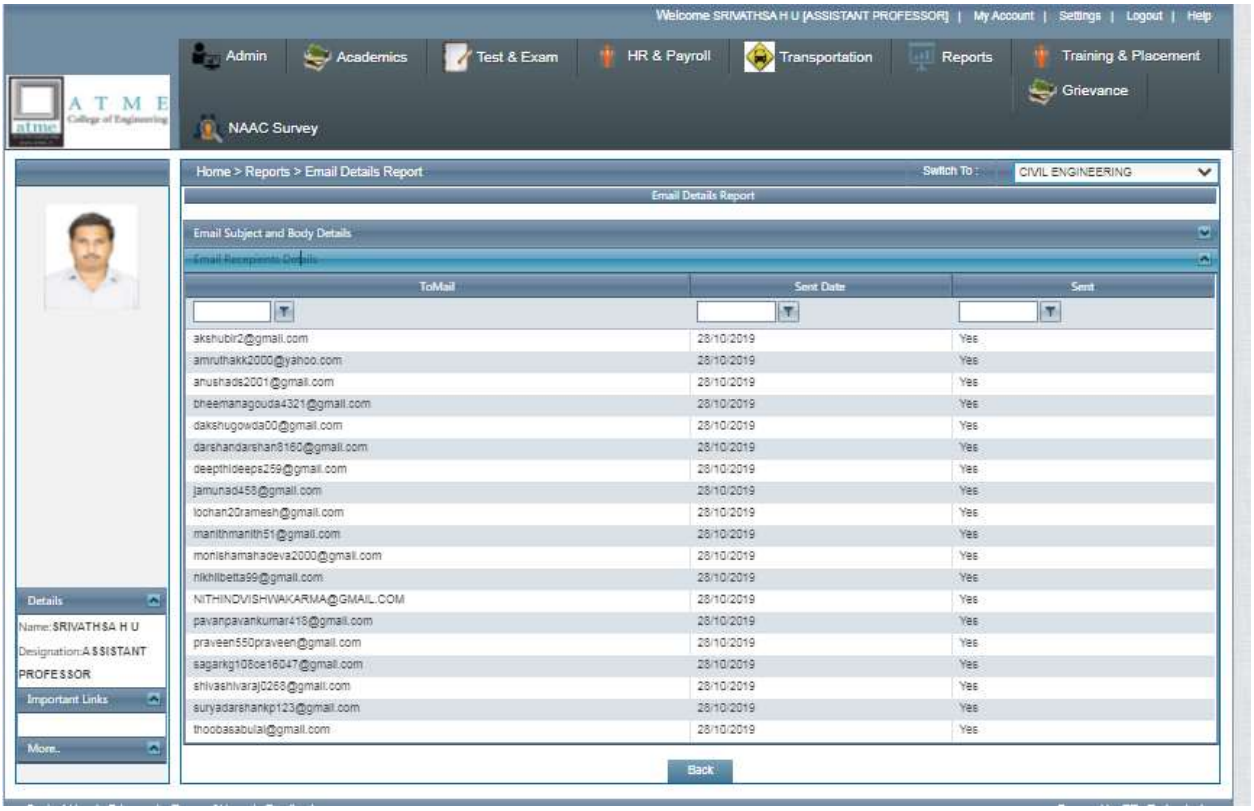


Flipped Classroom:

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.







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Self-Learning through MOOCs

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

Few sample certificates

Academic Year: 2019-20

Semester:7th

USN	Name
4AD17CV017	Kaustubha M B

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भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrollment No. : 2020690537076

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणित किया जाता है कि कु॰ कौस्तुभा एम. बी. को यह प्रमाण पत्र "सुदूर संवेदन एवं भौगोलिक सूचना प्रणाली के अनुप्रयोग" में ऑनलाइन पाठ्यक्रम में प्रतिभाग करने 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 MS. KAUSTUBHA M B 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) .

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
आई॰आई॰आर॰एस, देहरादून/ IIRS, Dehradun

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USN	Name
4AD17CV023	Naveen M

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भारतीय सुदूर संवेदन संस्थान, देहरादून

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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)**.

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

UID- ede11aa29414eee24e7e1a32d0482c03. This Certificate can be validated using URL- https://certificate.iirs.gov.in

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USN	Name
4AD17CV011	Divya Shree G Raj

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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)** .

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

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USN	Name
4AD17CV019	Megha N

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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) .

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
आई॰आई॰आर॰एस, देहरादून/ IIRS, Dehradun

UID-

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ATME College of Engineering
Mysore-570 028

USN	Name
4AD17CV022	Naveen K

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भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून

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INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrollment No. : 2020690540760

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ONLINE COURSE

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 प्रतिभाग करने 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).

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

UID-

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ATME College of Engineering
Mysore-570 028

Semester:5th

USN	Name
4AD19CV401	Amrutha K K

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भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrollment No. : 2020690543956

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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)** .

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
आई॰आई॰आर॰एस, देहरादून/ IIRS, 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) .

Date: 14-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
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USN	Name
4AD18CV040	Shashank S Nagarkar

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भारतीय सुदूर संवेदन संस्थान, देहरादून

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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) .

Date: 03-12-2020
Place: Dehradun

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Coordinator, University/Institution

निदेशक/ Director
आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

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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:

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Winners of Cadd Tracing

Model Making

Technical Quiz

Treasure Hunt: Puzzle solving

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Industrial Visit

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Department of Civil Engineering

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

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Workshops and Seminars

Participatory Learning

Two day national Conference

A national level conference on "Recent trends in Geo Science, Material Science andcivil Engineering" was held at 22 and 23rd of March 2017 in the premises the ATME Campus. The vice-chancellor of Mangalore University,Prof. Byrappa inaugurated the conference and Dr. UmeshHebbar, the principal scientist of CFTRI was the guest of honour. Mr.Shiva Shankar presided over the function. Dr.L Basavaraj, the principal the college addressed the gathering. After the inaugural function, the key note address was delivered by Prof Byrappa, the vice chancellor of Mangalore university.

Around 10 technical talks were invites from eminent dignitaries of various segments of the nation. 45+ paper were presented by research scholars and students of different colleges.

Workshop on "Application of GIS,GPS and Remote Sensing in Civil Engineering"

The Department of Civil Engineering of ATME College of Engineering conducted one day state level workshop on "Application of Remote sensing, Geographic information system and Geographic Positioning system in civil Engineering" at the college campus.

The workshop was inaugurated by Prof. V. MadhavaRao, Department of civil Engineering, SJCE, Mysuru, He gave a talk on "Application of Remote sensing and GPS in civil Engineering"

The then speaker Dr. P NanjundaSwamy, Department of Civil Engineering, SJCE, Mysuru, gave a brief overview of the subject "Surveying with Total station and GPS"..

Another eminent speaker Prof. NarayanaShastry, Town Planner, Mysuru focused on importance of RS at planning stage itself during his talk on "Application of RS and GIS in urban Planning

The workshop was presided by Dr. L Basavaraju, Principal of ATME college of Engineering.

ATME College of Engineering

Department of Civil Engineering

RECENT DEVELOPMENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY"

Organized by

ATME College of Engineering in association with Karnataka Science and Technology Academy, Govt of Karnataka on 10th October 2017

ATME College of Engineering organized one day workshop on "RECENT DEVELOPMENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY" in association with Karnataka Science and Technology Academy on 10th October 2017 for the benefit and upgradation of student knowledge level in the fields of Science, Engineering and Technology. Padmashree Dr. S. K. Shivakumar, Former ISRO Director and present KSTA Chairman and shared his abundant knowledge and emphasized that there is no success without dedication and hard work. One should have an aim or goal without which there is no success. Everyday new innovations are being made in the field of

Science and technology. Materials needed for spacecraft or space shuttle have to be a manufactured in India with the support of private industries. This is to minimise the dependence on European countries he said .Guest of honour, Dr,K.S.M.S Raghavarao, chief scientist CFTRI, Mysuru, mentioned that the present generation had lot of employment opportunity but the youth were still in dilemma in choosing their field of interest.

Carrer guidance by Stenden Global Academy strongly by for 6th and 8th sem students

The Department organized information enhancement program on 14th Feb 2018 for 6th and 8th semester students on Study abroad options. Consultants from Stenden Global Academy highlighted importance of higher education in the constantly changing technological world. They also provided vast array of information on options related to higher studies in abroad and means forms to achieve it.

Work Shop on Bridge design using Bentley Software on RM Bridge

Work shop on Bridge Design was conducted on 21st Feb 2018 Mr Prabhas Bhat the speaker , Bentley representative gave a brief over view of bridge design and various technical aspects of bridge design using RM bridge design software.

Workshop on "MS Project" for 6th sem Civil Engineering students

Three day workshop titled **"MS Project"** from 23rd to 25th Feb 2018 was organized by Dept. of Civil Engineering for 6th Sem Civil Engineering students at ATME College of Engineering, Mysuru.

The workshop helped to impart knowledge on management skills of Civil Engineering students by application with MS Project software. On this occasion, Dr. L. Basavaraj, Principal, Mr. ManuVijay, Associate Prof. & Head, Dept. of Civil Engg. ATMECE and Resource person of the workshop Mr. Girish P, Asst. Prof. Dept. of Civil Engg DSATM, Bengaluru, Conveners Mr. Rudresh A N & Mr. Srivathsa H U, Asst. Professors . Dept. of Civil Engg, Advisory Committee Mr. Mandeep G & Bharathi B, Asst. Professors. Dept. of Civil Engg, Staff and Students were present at the inaugural function.

One day Technical Talk on "Primavera by Infinity PMC"

Department of civil engineering organized technical talk on "primavera by infinity PMC" to 7 th sem students on 23/10/19. Mr. Prashanth C technical manager of infinity PMC spoke on complete application of this versatile software primavera. Planning, Monitoring (done by site planning engineer), Controlling, Reporting were the core content of the presentation. Over viewing, growing importance in construction industry, scheduling operating carried out during construction process, area of focus,

people &process involved in construction industry were briefly presented during the presentation. And also brief introduction about PPM was given by the resource person. Mr. Manu Vijay, HOD of department of Civil Engineering, staff member were present during the presentation.

One day Technical Talk on "Fundamentals of admixture in concrete"

Department of Civil Engineering organized one day technical talk on "Fundamentals of admixture in concrete" to 5th Sem students on 13.11.2019 for the benefit and upgradation of student's knowledge level. Mr. Prasanna kumar P, Assistant manager, BASF India limited construction chemical division, Bangalore, delivered technical talk on importance of admixture in concrete. BASF is a German chemical company and the largest chemical producer in the world . The company was founded on 6th April 1865 , 154 years ago (as Badische Anilin and Soda fabrik)

Inauguration of IGBC- Student Chapter

IGBC Student was inaugurated for the first time in the Department of Civil Engineering, ATMECE. Mr. Ramesh S Kikkeri, Co Vice Chairman of IGBC inaugurated IGBC Student Chapter in the Civil Department jointly with Dr. L Basavaraj, principal of ATMECE.

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Student Outreach Program

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. Niranjan 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.

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Social Activity

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

Department of Civil Engineering

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

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	27th 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 Martys' family)	Annual Cultural Fest ATMEYA 2017, theme "Amar Jawan" AY 2016-17
2	23rd 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	26th 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	27th 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	26th October 2016	Rs 4,000/-	Towards Spandhana Trust	Handed over cheque of Rs4,000/- to Spandhana Trust	-

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.

Swach Bharat Abhiyaan-ATMECE

Blood Donation Camp

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

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.

ATME honours family of Martyrs

Mysuru, May 8- A Cultural programme with the theme 'AMAR JAWAN' 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-Secreatary K. Shivashankar, Founder-Treasurer 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.

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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

ಅಂಧತ್ವವುಳ್ಳ ವಿಶೇಷಚೇತನರಿಗೆ ಆರ್ಥಿಕ ನೆರವು

• ಕನ್ನಡಪ್ರಭ ವಾರ್ತೆ ಮೈಸೂರು

ಎಟಿಎಂಇ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಆತ್ಮೇಯ-2018 ವಾರ್ಷಿಕೋತ್ಸವದ ಅಂಗವಾಗಿ ಅಂಧರಿಗೆ ಆವಶ್ಯವಾಗಿಬೇಕಾಗುವಪರಿಕರಗಳನ್ನು ಖರೀದಿಸಲು ವಿಶೇಷ ಚೇತನರ ಸೇವೆ ಮಾಡುತ್ತಿರುವ ಮೈಸೂರಿನ ದಿವ್ಯ ಜ್ಯೋತಿ ಮತ್ತು ಸ್ಪಂದನ ಸೇವಾ ಟ್ರಸ್ಟ್ ಗಳಿಗೆ ತಲಾ ₹30 ಸಾವಿರ ನೆರವು ನೀಡಲಾಯಿತು.

ನಗರದ ಬನ್ನೂರು ರಸ್ತೆಯಲ್ಲಿರುವ ಎಟಿಎಂಇ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಆತ್ಮೇಯ ಜೊತೆಗೆ ಅಂಗವಿಕಲತೆ ಶಾಪವಲ್ಲ, ಅಂಗವಿಕಲತೆ ಅಂಗವೈಕಲ್ಯವಲ್ಲ, ನಿಮ್ಮೊಂದಿಗೆ ನಾವಿದ್ದೇವೆ ಎಂಬ ಸಾಮಾಜಿಕ ಸಂದೇಶ ಸಾರುವ ಘೋಷವಾಕ್ಯದೊಂದಿಗೆ ಎರಡು ದಿನಗಳ ಸಾಂಸ್ಕೃತಿಕ ಹಬ್ಬವನ್ನು ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿತ್ತು. ರಾಜ್ಯ ಅಂಗವಿಕಲಚೇತನ ಇಲಾಖೆಯ ಆಯುಕ್ತ ವಿ.ಎಸ್. ಬಸವರಾಜ್ ಮಾತನಾಡಿ, ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಕೇವಲ ಉದ್ಯೋಗಕ್ಕಾಗಿ ಆವಶ್ಯವಿರುವ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಕಲಿಕೆಯತ್ತ ಮಾತ್ರ ಗಮನಹರಿಸದೇ, ಸಾಮಾಜಿಕ ಜವಾಬ್ದಾರಿಯ ನಿರ್ವಹಣೆಯೊಂದಿಗೆ, ಅಂಧರು ಮತ್ತು ವಿಕಲಚೇತನರ ದೈನಂದಿನ ಬದುಕಿಗೆ ಮತ್ತು ಆವರಿಗೆ ಉದ್ಯೋಗ ಸೃಷ್ಟಿಸುವಂತಹ ತಾಂತ್ರಿಕ ಸಂಶೋಧನೆಗಳತ್ತ ಗಮನಹರಿಸಬೇಕು ಎಂದು ಸಲಹೆ ನೀಡಿದರು.

ಇದೇ ವೇಳೆ ನಟ ಪವನ್ ತೇಜ ನಟಿಸಿರುವ ಆಥರ್ವ ಚಿತ್ರದ ಟ್ರೇಲರ್ ಬಿಡುಗಡೆಗೊಳಿಸಲಾಯಿತು. ಎಟಿಎಂಇ ಕಾಲೇಜಿನ ಆಡಳಿತ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಲ್. ಅರುಣ್‌ಕುಮಾರ್, ಕಾರ್ಯದರ್ಶಿ ಕೆ. ಶಿವಶಂಕರ್, ಖಜಾಂಚಿ ಆರ್. ವೀರೇಶ್, ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಎಸ್.ಬಸವರಾಜ್, ಸಾಂಸ್ಕೃತಿಕ ಸಮಿತಿ ಅಧ್ಯಕ್ಷ ಡಾ. ಎಲ್. ಪಾರ್ಥಸಾರಥಿ ಇದ್ದರು.

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.

Candle Light March

Bike Rally

MARATHON

HOD

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Problem-solving methods

Technical Quiz
Competitions and awards

- **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 andheld at SJCE, Mysuru

- **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 Vlllth 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 lVthsem student exceled inConcrete Technology and was awarded cash prize of Rs.2000, sponsored by Ultra Tech Cements.

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.

- **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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Experiential Learning

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

Internship to understand corporate learning environment

Experiential Learning

a. Internship Details

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

Academic Year: 2019-20

Sl No	USN	Name	Company/Organization	Domain
1	4AD15CS001	ABHISHEK V	ATMECE	IOT
2	4AD15CS028	HARSHITHA S	Cisco	CCNE
3	4AD15CS055	POOJA C	Cisco	CCNE
4	4AD15CS060	RACHANA S D	Cisco	CCNE
5	4AD15CS086	THEJA K	Cisco	CCNE
6	4AD15CS094	ZUHAD M	VSG Software Solutions Pvt. Ltd.	Android Application Development
7	4AD16CS002	ADITHYA V	VSG Software Solutions Pvt. Ltd.	Android Application Development
8	4AD16CS004	AKKAMAHADEVI C J	Cisco	CCNE
9	4AD16CS005	AKSHATA DUNDESH RUDRAGOUDAR	Cisco	CCNE
10	4AD16CS006	AMEENA KOUSAR	Cisco	CCNE
11	4AD16CS007	ARVIND S	Cisco	CCNE
12	4AD16CS008	ASHISH PRABHU M	VSG	
13	4AD16CS009	BHAVANA M R	Cisco	CCNE
14	4AD16CS010	BRUNDHA S S	Cisco	CCNE
15	4AD16CS011	CHAITHRA V	VSG Software Solutions Pvt. Ltd.	Android Application Development
16	4AD16CS012	CHANDANA A	VSG Software Solutions Pvt. Ltd.	Android Application Development
17	4AD16CS013	CHANDANA M	VSG Software Solutions Pvt. Ltd.	Android Application Development
18	4AD16CS016	CHANDRASHEKHAR M N	Cisco	CCNE
19	4AD16CS017	CHINTHANA M N	VSG Software Solutions Pvt. Ltd.	Android Application Development

20	4AD16CS020	GEETHA	Cisco	CCNE
21	4AD16CS021	HARSHITHA URS K	Cisco	CCNE
22	4AD16CS023	HEMASHREE M S	Hoch Tech Solutions	Full Stack Web Development
23	4AD16CS024	HEMAVATHI M	Hoch Tech Solutions	Full Stack Web Development
24	4AD16CS025	JEEVAN KUMAR M M	Cisco	CCNE
25	4AD16CS026	KANCHANASHREE S	Cisco	CCNE
26	4AD16CS027	KAVANA S SHETTY	Hoch Tech Solutions	Full Stack Web Development
27	4AD16CS028	KAVYA K M	Cisco	CCNE
28	4AD16CS029	L R ARADHANA	Cisco	CCNE
29	4AD16CS030	M SURYA	Cisco	CCNE
30	4AD16CS032	MAMATHA R K	Cisco	CCNE
31	4AD16CS033	MANASA D M	Cisco	CCNE
32	4AD16CS034	MANASA M N	Hoch Tech Solutions	Full Stack Web Development
33	4AD16CS035	MANASA M R	Cisco	CCNE
34	4AD16CS036	MANOJ M	Cisco	CCNE
35	4AD16CS037	MANU G	Cisco	CCNE
36	4AD16CS038	MEGHANA K M	VSG Software Solutions Pvt. Ltd.	Android Application Development
37	4AD16CS039	MOHAMED NAUMAAN	Cisco	CCNE
38	4AD16CS040	MOHAMMED NUMAAN	Cisco	CCNE
39	4AD16CS041	MONICA M V	Cisco	CCNE
40	4AD16CS042	MONIKA A	Hoch Tech Solutions	Full Stack Web Development
41	4AD16CS043	MONIKA C S	Cisco	CCNE
42	4AD16CS044	MONIKA K M	Cisco	CCNE
43	4AD16CS045	MONISHA J	Hoch Tech Solutions	Full Stack Web Development

Department of Computer Science and Engineering

44	4AD16CS046	MUNAZA SHAFEEQ	E&C Department, ATMECE.	IOT
45	4AD16CS047	NAVEEN KUMAR N	Cisco	CCNE
46	4AD16CS048	NIRANJAN GOWDA M S	Cisco	CCNE
47	4AD17CS400	ABHISHEKGOWDA T B	Cisco	CCNE
48	4AD17CS402	AKHILESH P	Cisco	CCNE
49	4AD17CS403	AKSHAY KUMAR K	Cisco	CCNE
50	4AD17CS407	MAAZ AHMED SHARIFF	Cisco	CCNE
51	4AD17CS409	MOHAMMED ANAS	Cisco	CCNE
52	4AD17CS412	PAUL CRISPIN	Cisco	CCNE
53		BINDHU RAKSHITHA	Cisco	CCNE

Summary	
Total No. of Students in VSG	8
Total No. of Students in Cisco	37
Total No. of Students in E&C Dept,ATMECE	2
Total No. of Students in Hoch Tech Solutions	6
Total	**53**

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Sl No	USN	Name	Company/Organization	Domain
1	4AD15CS026	HAMEEDA BANU	Cisco	CCNE
2	4AD16CS050	NITHYASHREE N	Cisco	CCNE
3	4AD16CS051	NOOR US SABA	Cisco	CCNE
4	4AD16CS052	POOJA K	Cisco	CCNE
5	4AD16CS053	POOJA MANJUNATH	VSG Software Solutions Pvt. Ltd.	Android Application Development
6	4AD16CS054	POOJA R	VSG Software Solutions Pvt. Ltd.	Android Application Development
7	4AD16CS055	POORNASHREE D	Cisco	CCNE
8	4AD16CS056	PRAJWAL P	VSG Software Solutions Pvt. Ltd.	Android Application Development
9	4AD16CS057	PRAMOD N	VSG Software Solutions Pvt. Ltd.	Android Application Development
10	4AD16CS058	PREETHI BARMAN	VSG Software Solutions Pvt. Ltd.	Android Application Development
11	4AD16CS059	PREETHU K	VSG Software Solutions Pvt. Ltd.	Android Application Development
12	4AD16CS060	RAJAT VITHAL BARGE	VSG Software Solutions Pvt. Ltd.	Android Application Development
13	4AD16CS061	RAKESHA	VSG Software Solutions Pvt. Ltd.	Android Application Development
14	4AD16CS062	RANJITHA S R	VSG Software Solutions Pvt. Ltd.	Android Application Development
15	4AD16CS063	SACHIN C C	VSG Software Solutions Pvt. Ltd.	Android Application Development
16	4AD16CS064	SACHIN S	VSG Software Solutions Pvt. Ltd.	Android Application Development
17	4AD16CS065	SAHIL PASHA	Cisco	CCNE
18	4AD16CS066	SANDYA G B	VSG Software Solutions Pvt. Ltd.	Android Application Development
19	4AD16CS067	SANGEETHA J	Dell	
20	4AD16CS068	SANJAY K M	VSG Software Solutions Pvt. Ltd.	Android Application Development
21	4AD16CS070	SHARVANI N PANDE	Cisco	CCNE
22	4AD16CS071	SHASHANK P N	VSG Software Solutions Pvt. Ltd.	Android Application Development

23	4AD16CS072	SHAZIA BAIG	Cisco	CCNE
24	4AD16CS073	SHEEBAN E TAMANNA	Cisco	CCNE
25	4AD16CS074	SHREYAS D R	VSG Software Solutions Pvt. Ltd.	Android Application Development
26	4AD16CS075	SHRIYA R	Cisco	CCNE
27	4AD16CS076	SHYAMANTH KUMAR S V	Cisco	CCNE
28	4AD16CS077	SINCHANA M ZENITH	VSG Software Solutions Pvt. Ltd.	Android Application Development
29	4AD16CS078	SINDHURA R	VSG Software Solutions Pvt. Ltd.	Android Application Development
30	4AD16CS079	SMITHA M V	Cisco	CCNE
31	4AD16CS080	SONALI N S	VSG Software Solutions Pvt. Ltd.	Android Application Development
32	4AD16CS081	SPOORTHY N	VSG Software Solutions Pvt. Ltd.	Android Application Development
33	4AD16CS082	SUDHA M P	Cisco	CCNE
34	4AD16CS083	SUMANTH D	VSG Software Solutions Pvt. Ltd.	Android Application Development
35	4AD16CS084	SUPREETH H	VSG Software Solutions Pvt. Ltd.	Android Application Development
36	4AD16CS086	SWATHI A	Cisco	CCNE
37	4AD16CS087	SYEDA SHAVANA TANAZ	Cisco	CCNE
38	4AD16CS088	TARANATHA R	VSG Software Solutions Pvt. Ltd.	Android Application Development
39	4AD16CS089	TEJASHREE R	VSG Software Solutions Pvt. Ltd.	Android Application Development
40	4AD16CS090	TEJASHWINI	VSG Software Solutions Pvt. Ltd.	Android Application Development
41	4AD16CS091	TEJASWINI M	VSG Software Solutions Pvt. Ltd.	Android Application Development
42	4AD16CS092	THAMITHA	VSG Software Solutions Pvt. Ltd.	Android Application Development
43	4AD16CS093	THEJAS D	Cisco	CCNE
44	4AD16CS095	VAISHNAVI C S	Cisco	CCNE
45	4AD16CS096	VARSHA J	VSG Software Solutions Pvt. Ltd.	Android Application Development

Department of Computer Science and Engineering

46	4AD16CS097	VISHNU TEJ K	VSG Software Solutions Pvt. Ltd.	Android Application Development
47	4AD16CS098	VIVECHAN B	Cisco	CCNE
48	4AD16CS099	YASHASWINI B S	VSG Software Solutions Pvt. Ltd.	Android Application Development
49	4AD16CS100	YOGESH K	VSG Software Solutions Pvt. Ltd.	Android Application Development
50	4AD16CS101	ZOYA AKRAM	Cisco	CCNE
51	4AD17CS404	ARPITHA S	Cisco	CCNE
52	4AD17CS406	KIRANA V	VSG Software Solutions Pvt. Ltd.	Android Application Development
53	4AD17CS408	MANJUSHRI D R	Cisco	
54	4AD17CS410	NAVYA S	Cisco	CCNE
55	4AD17CS411	PALLAVI G S	Cisco	CCNE
56	4AD17CS413	RAMYA B R	Cisco	CCNE
57	4AD17CS414	SYEDA MASIHA TABASSUM	Cisco	CCNE
58	4AD17CS415	THEJAS M	Cisco	CCNE

Summary

Total No. of Students in VSG	31
Total No. of Students in Cisco	26
Total No. of Students in Dell	1
Total	**58**

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b. Internship Certificates

Few of the sample certificate is as follows:

4AD16CS050	NITHYASHREE N

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

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.

Nithyashree N

Student

ATME College of Engineering

Academy Name

India

Location

28 Jul, 2019

Date

AnilKumar BH

Instructor

Instructor Signature

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4AD16CS098	Vivechan B

VSG SOFTWARE SOLUTIONS®
#802/1, 4th main, 26th cross, Vidyaranyapuram, Mysore, Karnataka, India.
Ph.. +91-821-3017039, +91-7411225999 E-Mail: vsgsoftwares@gmail.com or contact@vsgsoftwares.com Website: www.vsgsoftwares.com

CERTIFICATE

This is to certify that Mr. Vivechan B [USN: 4AD16CS098] has successfully completed his internship program held at VSG Software Solutions, Mysuru from 6th July 2019 to 6th August 2019 with respect to the below mentioned project and module:

Project: "Android Application for Nearby Places based on Location".

Module: "Development of GetURI and Maps Deployment for Google Maps API".

We wish them all success. With Best Regards.

KARTHIK. G.
MANAGING DIRECTOR
VSG SOFTWARE SOLUTIONS®
MYSURU, KARNATAKA

(Karthik Ganapathi)
Managing Director
VSG Software Solutions

Date: 06/08/2019

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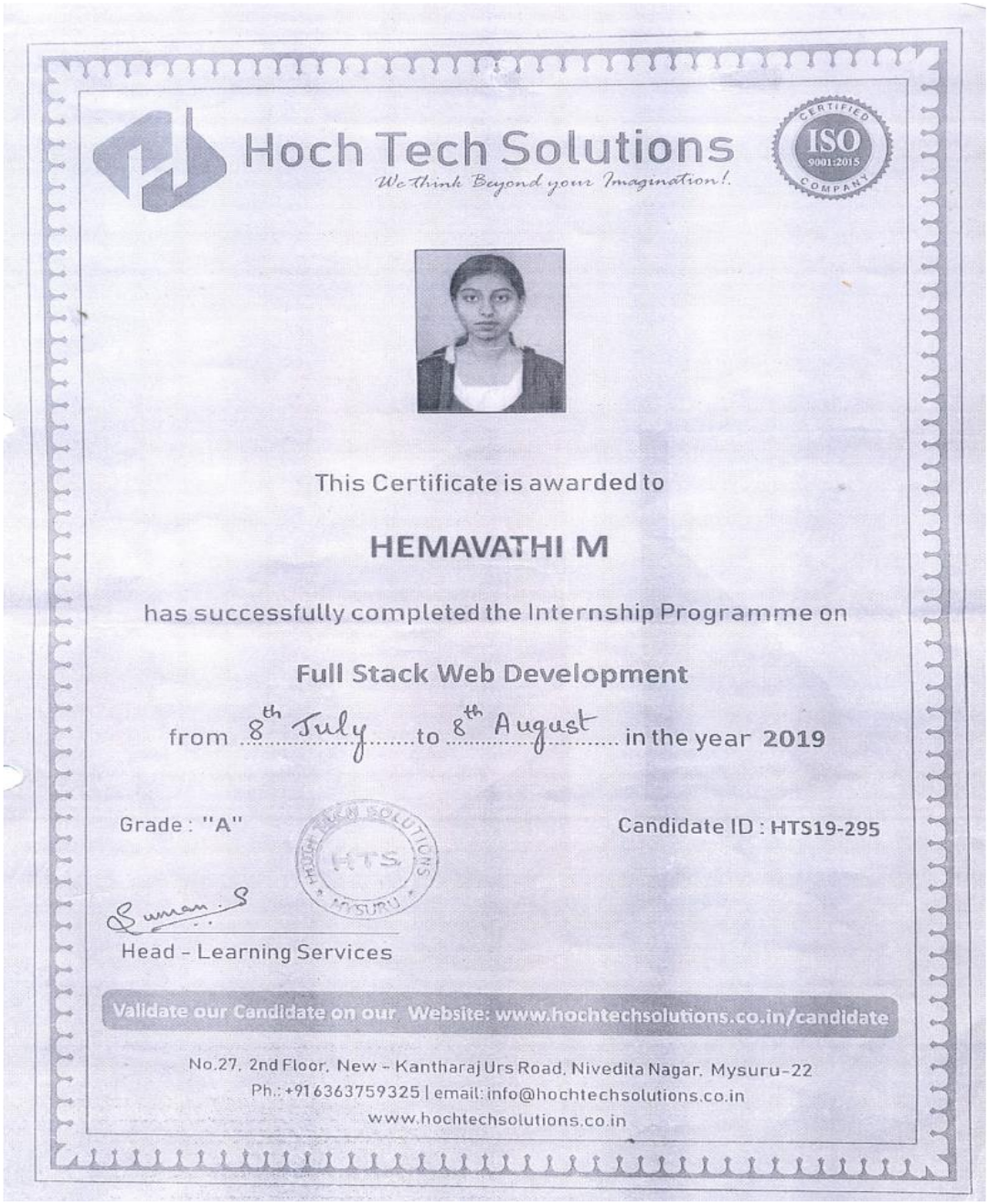
4AD16CS024	Hemavathi M



Hoch Tech Solutions
We think Beyond your Imagination!.

CERTIFIED ISO 9001:2015 COMPANY

This Certificate is awarded to

HEMAVATHI M

has successfully completed the Internship Programme on

Full Stack Web Development

from 8th July to 8th August in the year **2019**

Grade : "A"

Candidate ID : HTS19-295

HTS HOCH TECH SOLUTIONS MYSURU

Suman. S

Head - Learning Services

Validate our Candidate on our Website: www.hochtechsolutions.co.in/candidate

No.27, 2nd Floor, New - Kantharaj Urs Road, Nivedita Nagar, Mysuru-22
Ph.: +916363759325 | email: info@hochtechsolutions.co.in
www.hochtechsolutions.co.in

Prowda.
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Laboratory Sessions to correlate theoretical and practical learning with Courses offering

Experiential Learning

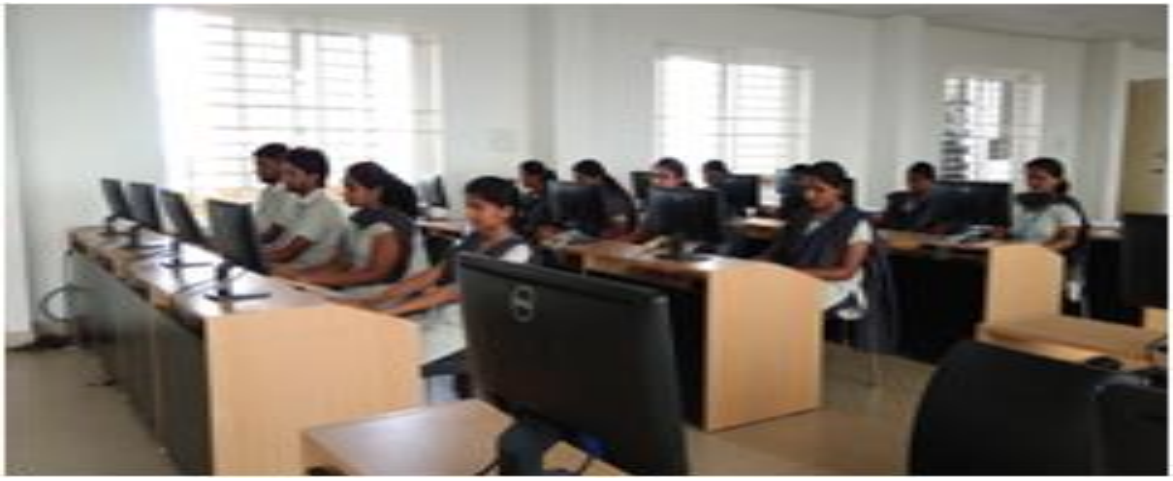
The Department offers all the laboratories prescribed by the university in the curriculum.

Laboratory Session:

Computer Networks/ Computer Graphics Lab

To develop and execute algorithms at Data Link Layer, Network Layer, Cryptographic Algorithm, Socket Programming with IPC Communication. Simulation of various Network Topologies and LAN technologies using NS2.

DBMS Lab/ SS&CD Lab



DBMS Lab

This lab provides

Strong practice in SQL programming through a variety of database problems. This lab helps in developing database applications using front-end tools and back-end DBMS.

SS&CD Lab

To design, develop and execute POSIX compliant programs related to operating systems, like IPC, Race Condition, Process Status, System Calls, etc.

Computer Programming Lab

This lab provides the basic principles in c programming language. It also gives knowledge of Design and Development of Problem Solving Skills. This lab provides practical exposures like designing flowcharts, algorithms etc.

ADE Lab/MP Lab

ADE Lab

This Lab explores the design, construction, and debugging of analog electronic circuits like rectifiers, clipping circuits, clamping circuits and voltage regulators.

MP Lab

In this Programming lab the students will learn to run programs on 8086 microprocessor based systems.

Machine Learning Lab

Machine learning is the field of developing algorithms that can learn and automate nontrivial tasks. Examples include recommender systems, medical diagnosis, image segmentation, face recognition, fraud detection, sentiment analysis

Web Programming Lab

This lab explores Design and develops static and dynamic web pages. The lab familiarizes with Client-Side Programming, Server-Side Programming, and Active server Pages. This also provides to learn Database Connectivity to web applications. To get exposure to Server Side Scripting, Perl & PHP programming.

CISCO Lab

The Department of Computer Sciences Technology had signed MoU with CISCO Systems. The CISCO centre of excellence on Advanced Networking available in the department provides world class networking infrastructure. The faculty members have been constantly trained by CISCO Networking Academy, to offer the latest industry relevant networking curriculum.

Self-learning through MOOC Platforms

ATME College of Engineering

Department of Computer Science & Engineering

Date: 25-09-2019

CIRCULAR

Students are hereby informed to undergo Self Learning Course and obtain certification in various MOOC Learning Platforms Like SWAYAM,IIRS, Coursera, Udemy, Simplilearn, NPTEL etc., to enhance your skillset.

SWAYAM Link: https://swayam.gov.in

IIRS Link: https://elearning.iirs.gov.in

COursera Link: https://www.coursera.org

Udemy Link: https://www.udemy.com

Simplilearn Link: https://www.simplilearn.com

NPTEL Link: https://nptel.ac.in

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Experiential Learning

The Department encourages students to undergo MOOC Courses and enhance their skillset in Various MOOC platform like Coursera, Udemy etc.

a. Few of the sample certifications by our students

2016-2020 Batch

USN	NAME
4AD16CS042	Monika M

USN	NAME
4AD16CS084	Supreeth H

TCS iON | Digital Learning Hub
Learn, Share, Collaborate

TATA CONSULTANCY SERVICES

This is to certify that

Supreeth H

has successfully completed

Career Edge - Knockdown the Lockdown

online course offered by TCS iON

Start Date: 17 Apr 2020 | **End Date:** 01 May 2020

Topics:

■ Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
■ Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
■ Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence* (Source: NPTEL)

CERTIFIED
Cert. ID.: 5-6912256-1016
Dated: 01 May 2020

Mehul Mehta
Mehul Mehta
Global Delivery Head, TCS iON

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 incline to use of following ICT tools to deliver TLP:

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

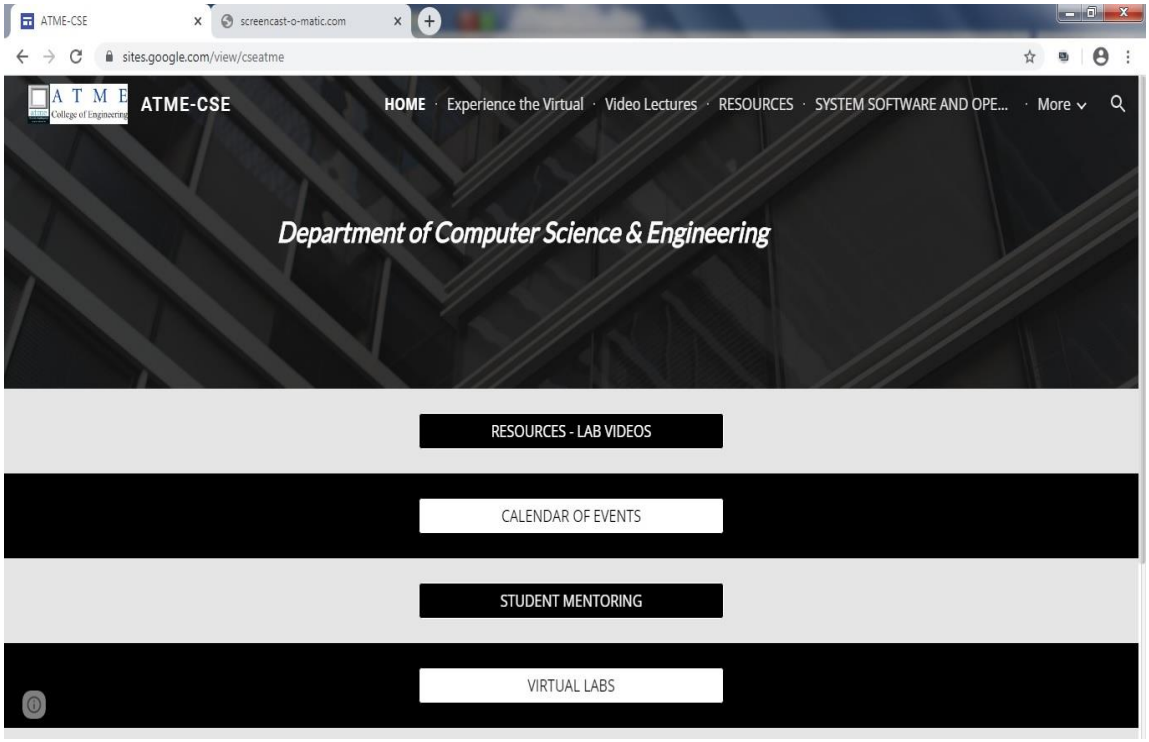
a) The faculty members of the Department of CSE have conducted Live Online classes through MS Teams, ZOOM and shared videos, PPTs through Google classroom and also evaluated students through MS Team, Google classroom for Assignment in the form of Quiz. In addition to this, recorded videos of laboratory experiments uploaded on YouTube.

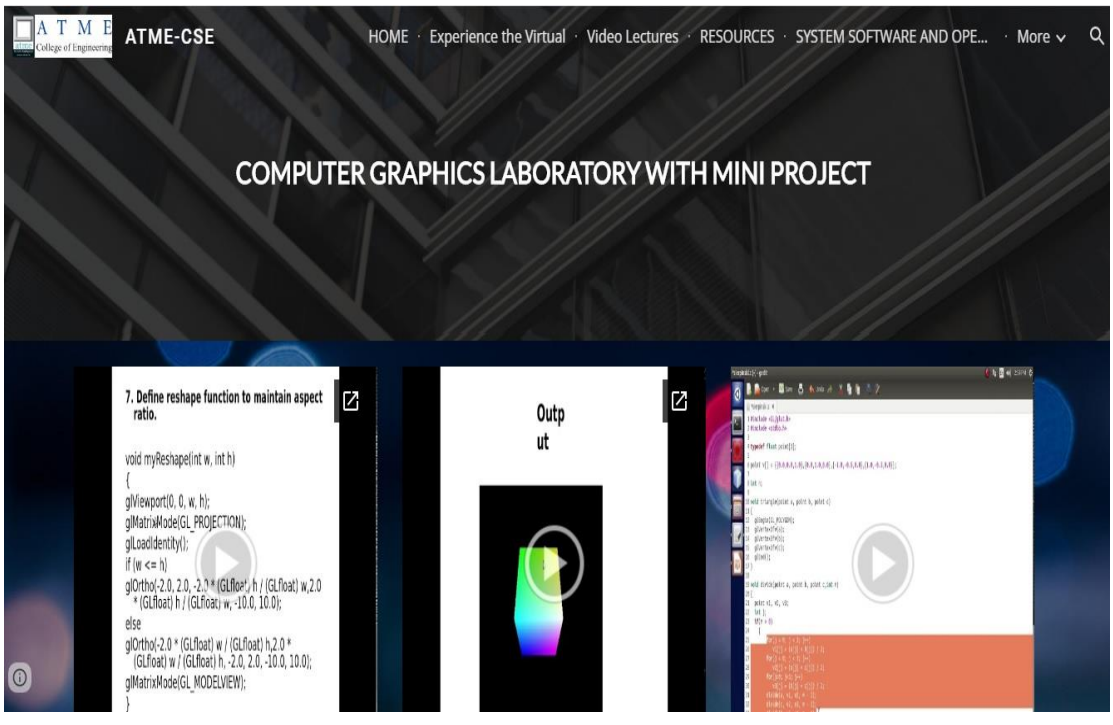
b) Project Phase Evaluation, Seminar and Internship evaluation was also conducted through MS teams Platform

c) Webinars for students are also conducted through MS teams, Youtube Live streaming.

Department of Computer Science and Engineering

Computer Science and Engineering Department Website





Department of Computer Science and Engineering

Link for student learning centric (Department website)

https://sites.google.com/view/cseatme

Microsoft Teams Teaching and Learning Process

VIII Semester:

Course	Code	Faculty	Link of AV files
IOT	15CS81	Mrs. Sneha N P	https://web.microsoftstream.com/channel/01c87c32-972b-49e3-b06f-9b9f281f922b
Big Data	15CS82	Mr. Raghuram A S	https://web.microsoftstream.com/video/5ff35a22-1fe7-4edc-b165-d28e25d6b8a7?list=user&userId=4ee48a83-3a8d-410e-889d-5f9bc181f5ee

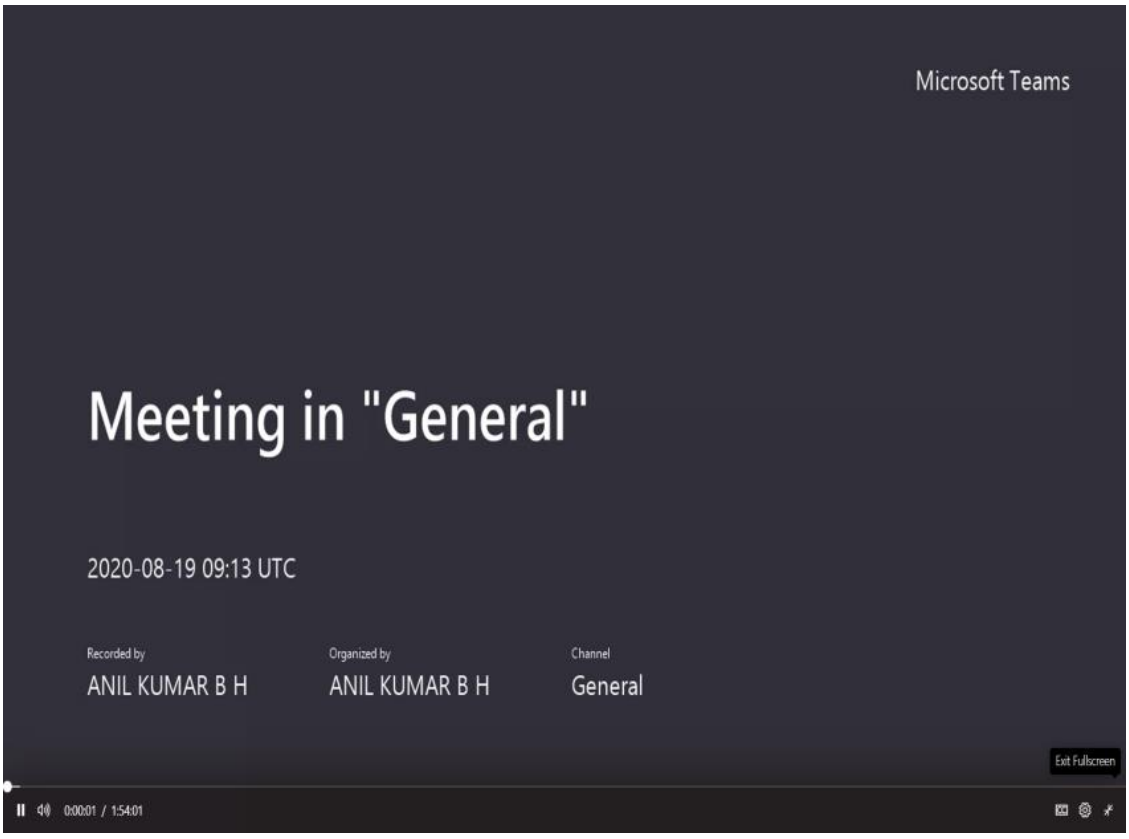
VI Semester:

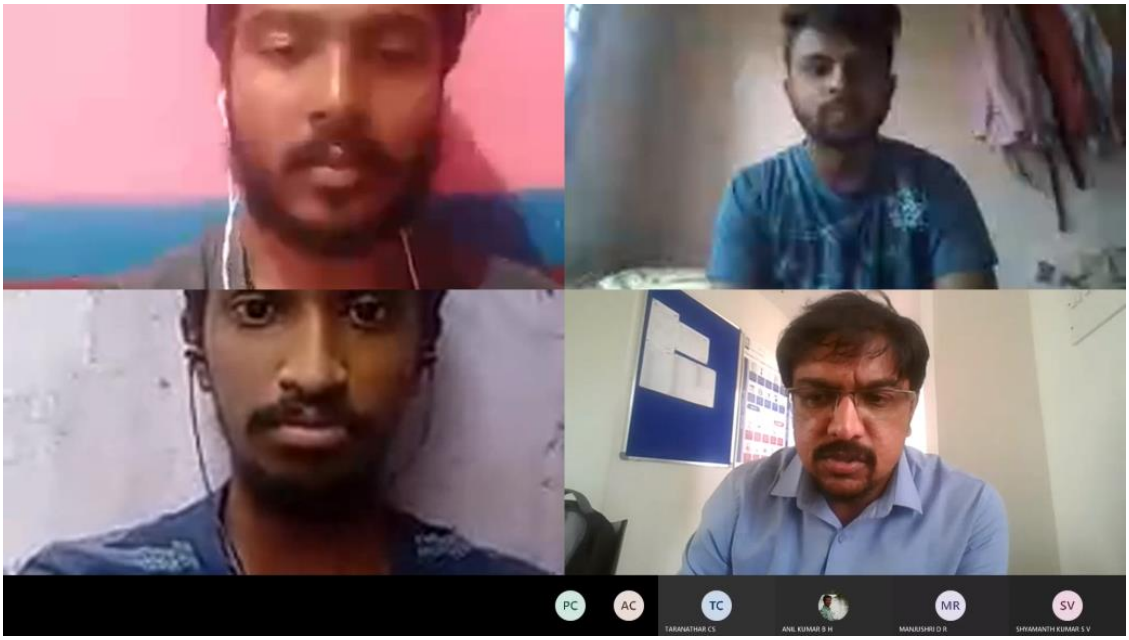
Course	Code	Faculty	Link of AV files
SS & CD	17CS63	Mrs. Jyothi M Patil	https://web.microsoftstream.com/channel/313dc11d-c167-45c4-8e09-adb26c2cb546
DM	17CS651	Mrs.M S Sunitha Patel	https://web.microsoftstream.com/channel/ea27251e-1353-48cb-b874-c7aa8fb7c77a
Python	17CS654	Mrs.M S Sunitha Patel	https://web.microsoftstream.com/channel/fe963a04-d80f-4ba5-9672-b764e403f280
SS& OS Lab	17CSL67	Mr.Anil Kumar C J	**https://web.microsoftstream.com/channel/a08f9698-7314-49c8-aff3-18073a37c78b**
CG Lab	17CSL68	Mrs. Keerthana M M	https://web.microsoftstream.com/channel/66a3861a-5d54-4fe8-a417-fc8af60bc157

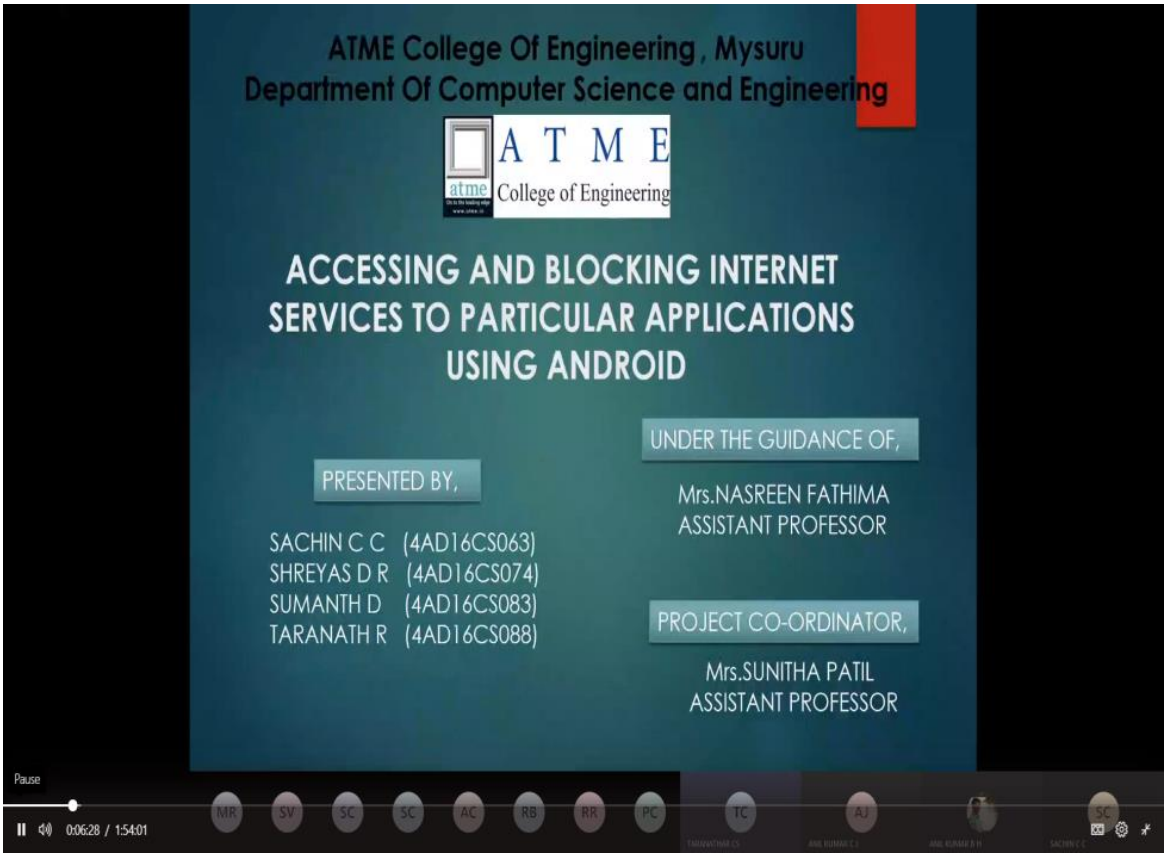
IV Semester:

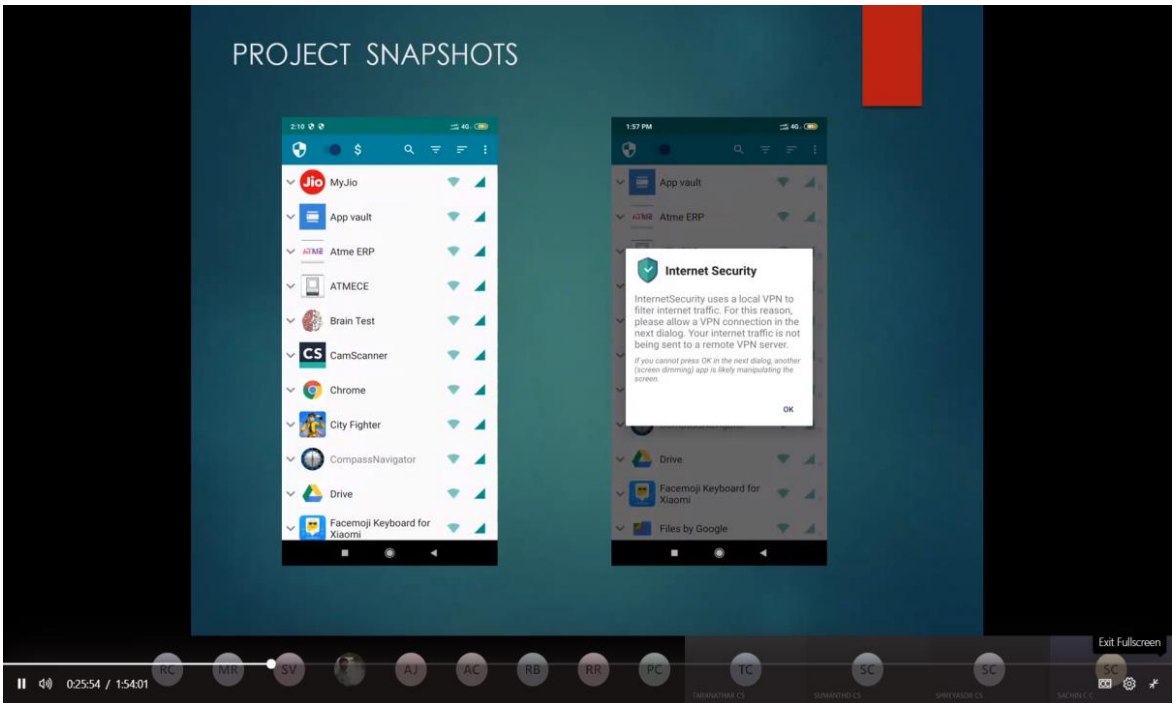
Course	Code	Faculty	Link of AV files
OOC	18CS45	Mrs.Jyothi M Patil	https://web.microsoftstream.com/channel/52bcb05d-8a00-4140-96fb-e7d0ed6ffde1
DAA LAB	18CSL47	Mrs. Impana Appaji	https://web.microsoftstream.com/channel/5ca560d8-c221-47a5-a902-20c5558e1231
Microcontroller Lab	18CSL48	Mr. Anilkumar B H	https://web.microsoftstream.com/channel/499ea0c9-7d24-4ab5-be78-29ab062c2514

MS Teams Screenshot Project Evaluation:

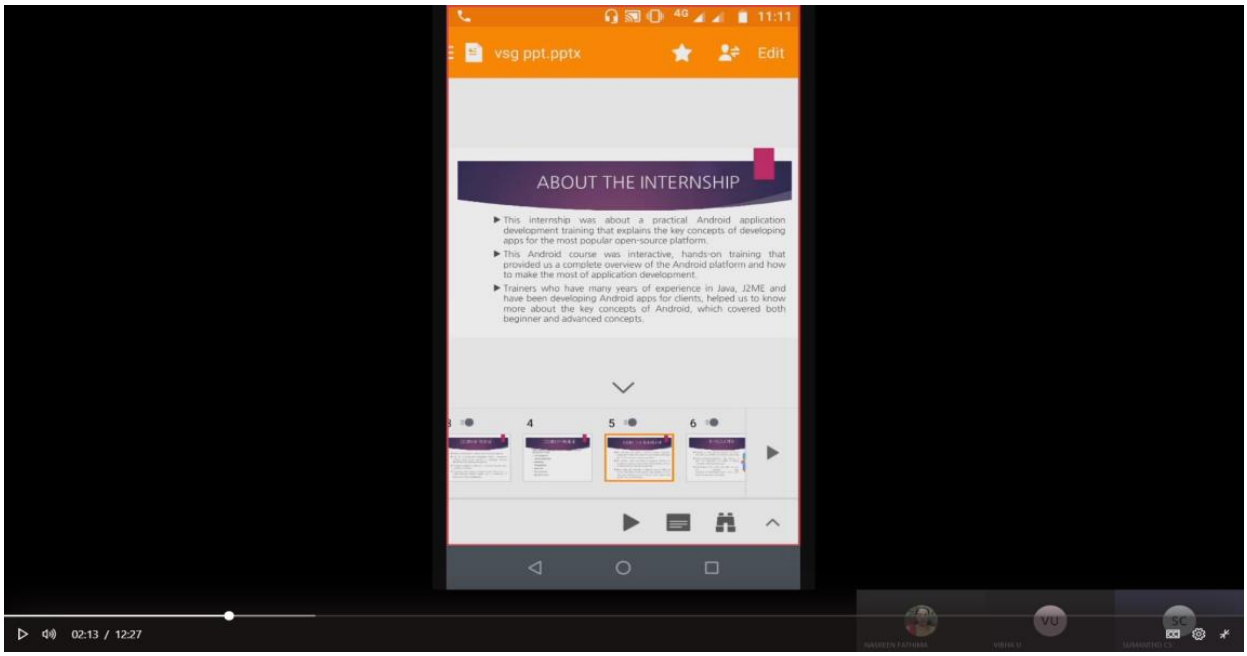


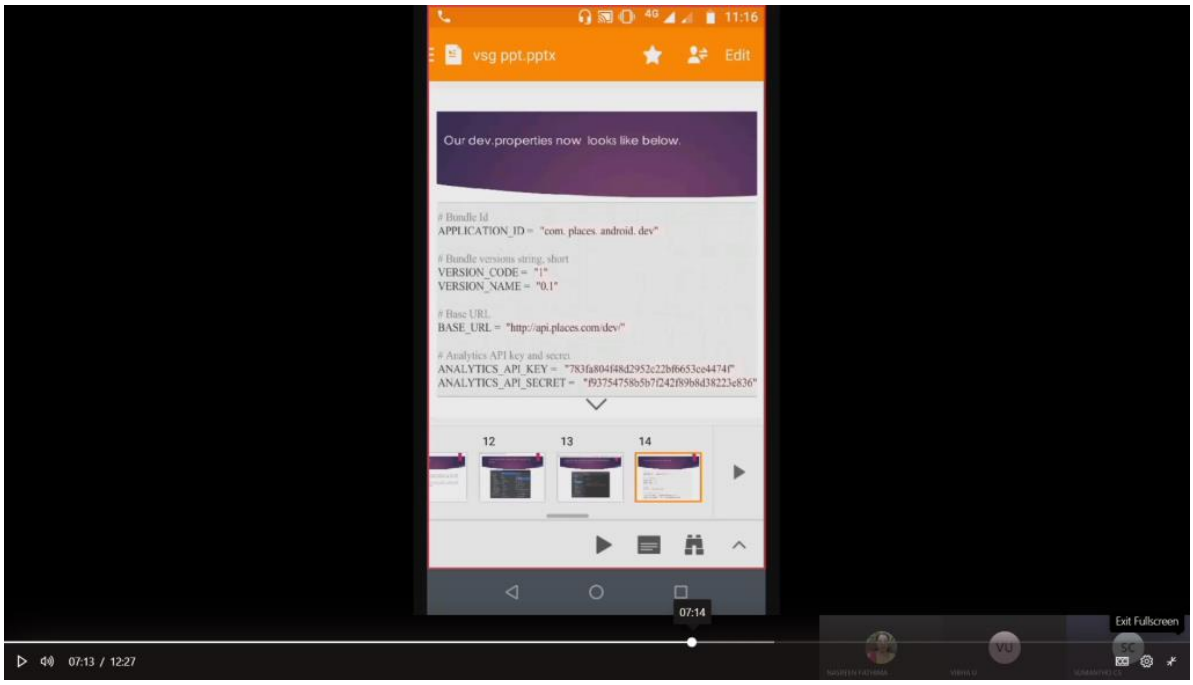



ATME College Of Engineering , Mysuru
Department Of Computer Science and Engineering
ATME College of Engineering
ACCESSING AND BLOCKING INTERNET SERVICES TO PARTICULAR APPLICATIONS USING ANDROID
PRESENTED BY,
SACHIN C C (4AD16CS063)
SHREYAS D R (4AD16CS074)
SUMANTH D (4AD16CS083)
TARANATH R (4AD16CS088)
UNDER THE GUIDANCE OF,
Mrs.NASREEN FATHIMA
ASSISTANT PROFESSOR
PROJECT CO-ORDINATOR,
Mrs.SUNITHA PATIL
ASSISTANT PROFESSOR
Pause
0:06:28 / 1:54:01

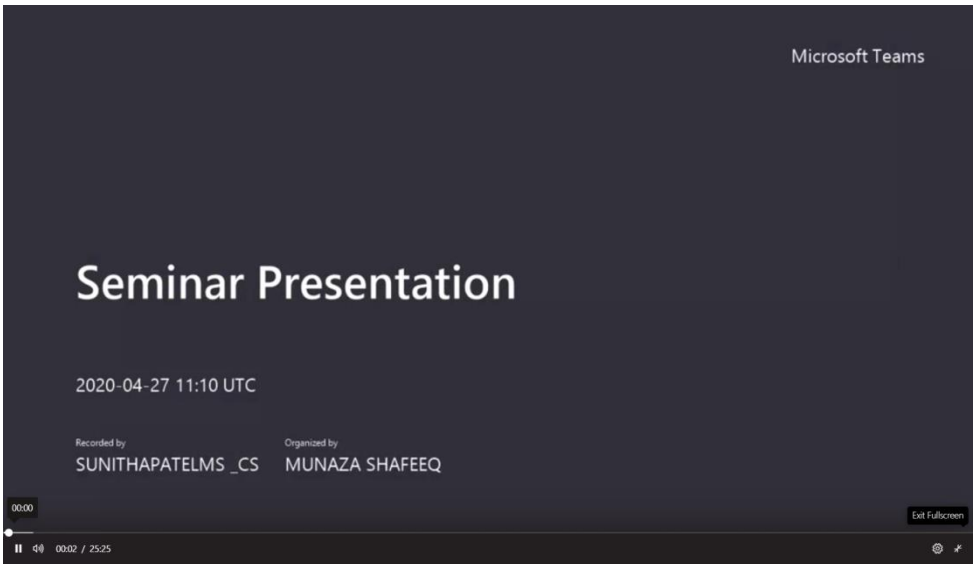


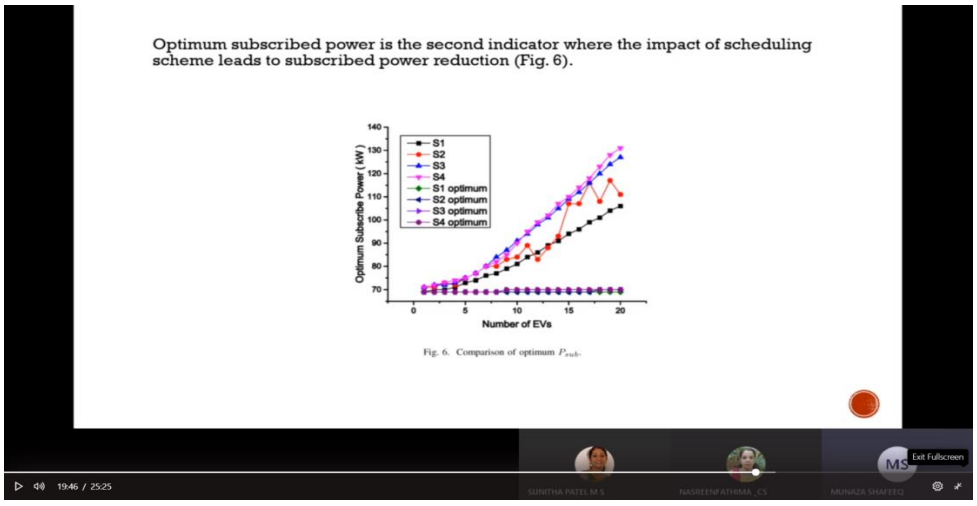
Internship Evaluation:

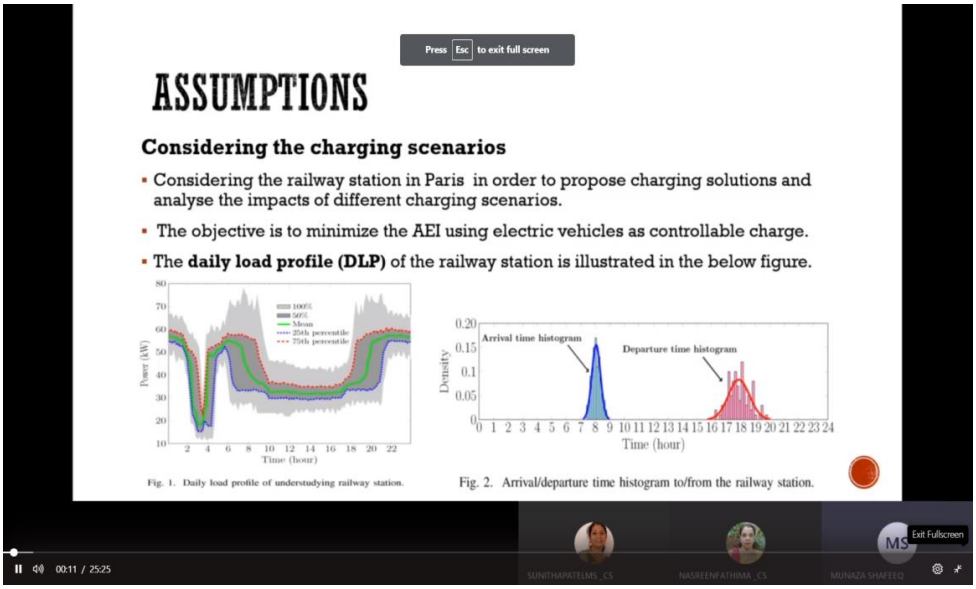

11:11
vsg ppt.pptx
Edit
ABOUT THE INTERNSHIP
This internship was about a practical Android application development training that explains the key concepts of developing apps for the most popular open-source platform.
This Android course was interactive, hands-on training that provided us a complete overview of the Android platform and how to make the most of application development.
Trainers who have many years of experience in Java, J2ME and have been developing Android apps for clients, helped us to know more about the key concepts of Android, which covered both beginner and advanced concepts.
4
5
6
02:13 / 12:27


11:16
vsg ppt.pptx
Edit
Our dev.properties now looks like below.
# Bundle Id
APPLICATION_ID = "com. places. android. dev"
# Bundle versions string, short
VERSION_CODE = "1"
VERSION_NAME = "0.1"
# Base URL
BASE_URL = "http://api.places.com/dev/"
# Analytics API key and secret
ANALYTICS_API_KEY = "783fa804f48d2952c22bf8653ce4474f"
ANALYTICS_API_SECRET = "f937547586b7f242f89b8d38223e836"
12
13
14
07:14
Exit Fullscreen
07:13 / 12:27

Seminar Evaluation:





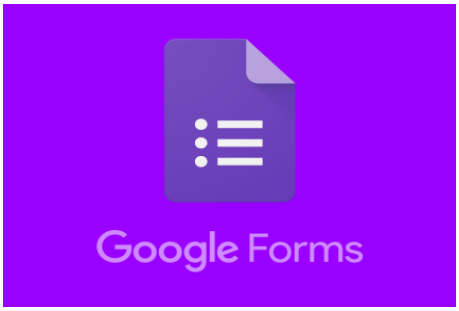


Department of Computer Science and Engineering

The Department of CS&E has used various innovative technologies. Following are the list of ICT toolsthat have been used to impart knowledge.

Kahoot!

Kahoot! is a game-based learning platform, used as educational technology in schools and other educational institutions. Its learning games,"Kahoots", are user-generated multiple-choice quizzes that can be accessed via a web browser or the Kahoot app. It can also be used to review students' knowledge, for formative assessment, or as a break from traditional classroom activities. Kahoot! also includes trivia quizzes.



Quiz through 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.

Assignment using mail merge

Using mail merge concept in google forms we are sending reports of assignment to individual students.

ATME College of Engineering

Department of Computer Science & Engineering

Database Management System - 17CS53

Assignmenet-II

Name : AHALYA P

USN : 4AD17CS004

Submitted second assignment for Database Mangement System - 17CS53 on 10/31/2019 10:39:44.

Section-I

JDBC Connectivity and Commands

1.What is JDBC PreparedStatement?

JDBC PreparedStatement is a class in java.sql.package and allows the programmer to execute the same statement or similar databases repeatdely with high efficiency.

example: insert into emp values("? ? ?");

Student Response System

TurningPoint is a comprehensive audience participation platform, not only provides live polling and interactive homework capabilities, but also lets you conduct unlimited surveys for insights into the minds of students.

TurningPoint

Session Name
Current Session

Date Created	Active Part	Total Participants
9-25-2019 2:59:16 PM	30	30

Average Score	Questions
71.17%	20

Results Detail

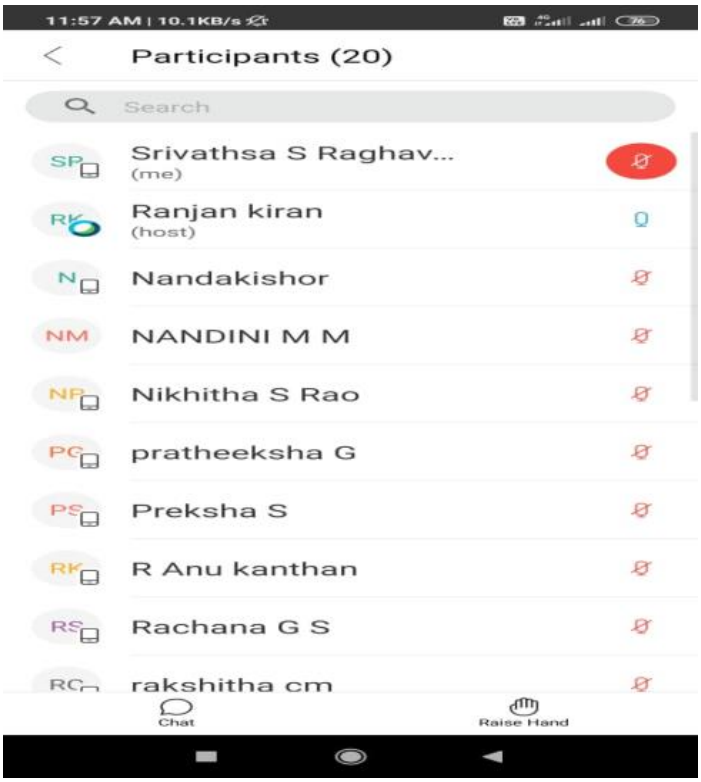
Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Total Points	Score
Answer Key	D	D	A	A	B	C	C	A	D	C	D	A	C	D	A	B	B	C	D	B	40.00	100.00%
E2C031	D	C	B	A	A	C	A	C	D	C	A	B	C	D	A	B	B	C	C	A	22.00	55.00%
E2D3E8	D	C	A	A	B	C	C	A	D	C	C	C	C	D	A	B	B	C	B	B	32.00	80.00%
E3482D	D	D	B	D	B	C	-	A	D	C	C	B	C	D	A	B	B	C	D	B	30.00	75.00%
E2D4C8	D	C	A	A	B	C	A	A	D	C	B	D	C	D	A	B	B	C	C	B	30.00	75.00%
E2D4C7	D	D	B	D	B	C	A	A	D	C	C	A	C	D	A	B	A	C	D	B	30.00	75.00%
E34808	D	D	A	B	A	C	C	A	D	C	A	A	C	D	A	B	B	C	D	B	34.00	85.00%
E3492E	D	A	B	A	A	C	C	D	D	A	A	A	C	D	A	B	B	C	D	B	28.00	70.00%
E2C00C	D	A	A	A	A	C	C	D	D	A	A	A	C	D	A	B	B	C	D	B	30.00	75.00%
E366A6	D	C	A	A	B	C	C	C	D	C	A	A	C	D	A	B	B	C	B	B	32.00	80.00%

Results Detail

Impartus

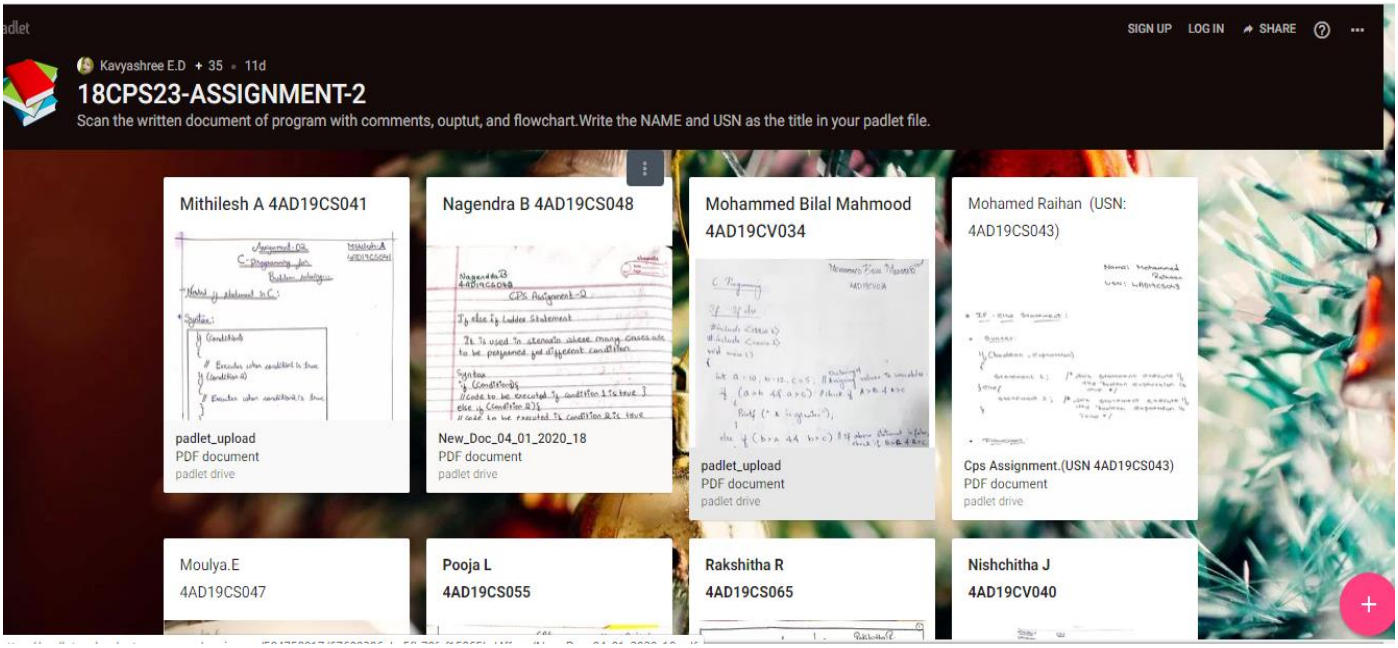
Impartus provides innovative video-enabled learning solutions that drive better outcomes for the higher education sector. The Impartus product suite offers easy, seamless integration to help educators extend learning experiences outside of the classroom and provide relevant content to a diverse body 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.



Padlet

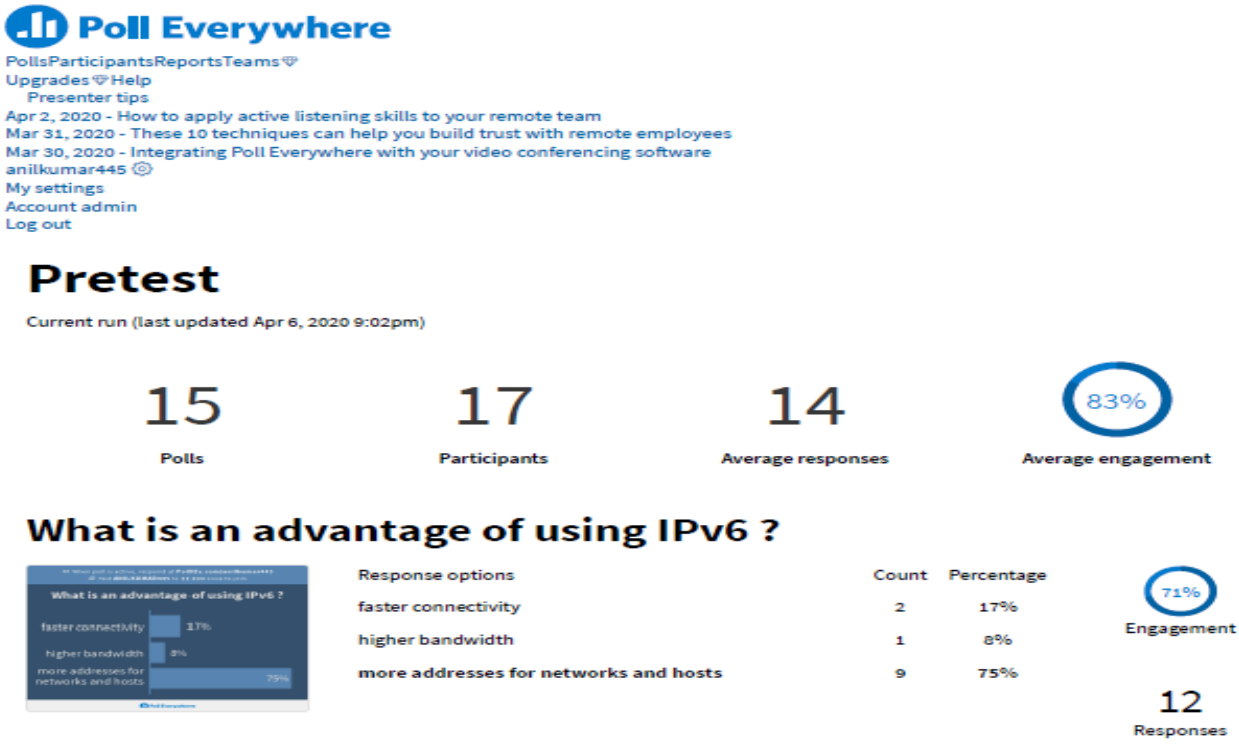
Padlet is an application to create an online bulletin board that you can use to display information for any topic. Easily create an account and build a new board. You can add images, links, videos, columns for sorting or refining organization, and more.



Poll Everywhere

Poll Everywhere is the easiest way to gather live responses in any venue, conferences, concerts, classrooms, and company off-sites anywhere with internet.We can engage your audience or class in real time

Poll Everywhere transforms one-sided presentations into two-way conversations with the audience. This web-based audience response system lets you embed interactive activities directly into your presentation. The audience responds on the web or via SMS texting on their phones. **Individual Report**



Poll Everywhere

PollsParticipantsReportsTeams
Upgrades Help
Presenter tips
Apr 2, 2020 - How to apply active listening skills to your remote team
Mar 31, 2020 - These 10 techniques can help you build trust with remote employees
Mar 30, 2020 - Integrating Poll Everywhere with your video conferencing software
anilkumar445
My settings
Account admin
Log out

Pretest

Current run (last updated Apr 6, 2020 9:07pm)

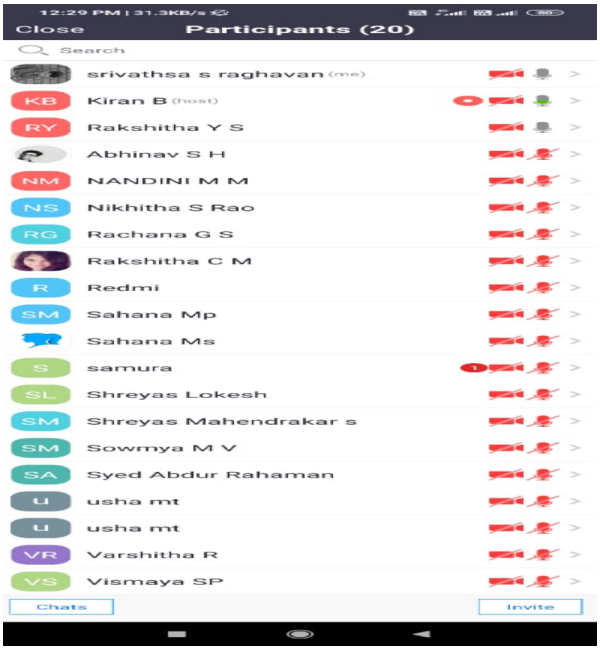
Name	Custom Report Identifier	Rank	Grade	Participation	Polls	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Anil Kumar Gadedagoudar (Unregistered)		1	100%	100%			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Faiza Firdaus (Unregistered)		2	100%	100%			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anil (Unregistered)		3	100%	100%			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bhavana. M (Unregistered)		4	93%	100%			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
Madhushree.S (Unregistered)		11	71%	100%			✓	✗	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✗
Divya H (Unregistered)		12	71%	100%			✓	✗	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	✓	✗
Ahalya P (Unregistered)		5	93%	93%			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
Apoorva R (Unregistered)		7	79%	93%			✗	✓	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
Anees Fathima (Unregistered)		6	86%	87%			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
Jesmitha M P (Unregistered)		10	71%	87%			✓	✓	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✗
Abhishek (Unregistered)		14	64%	87%			✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✗	✗
Average Grade			73%		-		76%	71%	76%	94%	76%	76%	71%	88%	94%	94%	47%	71%	47%	53%

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.

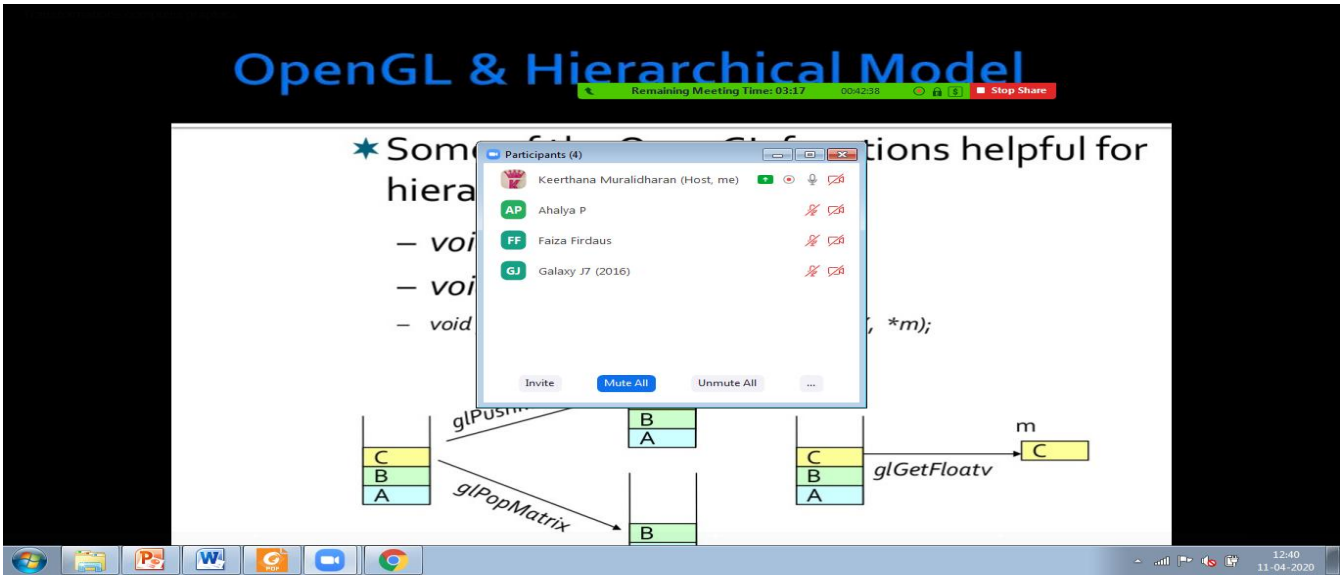
A **Webex** meeting is an online meeting that allows you to virtually meet with other people, without leaving your home or office.

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.



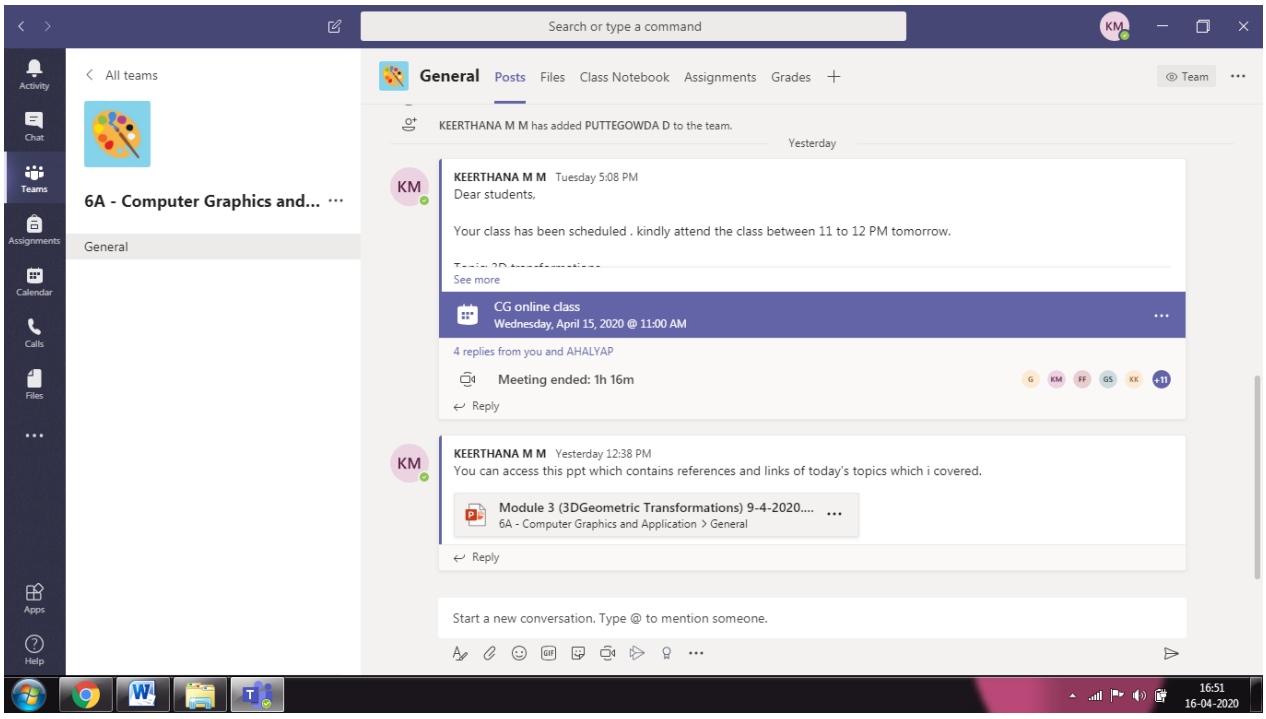
Zoom

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.



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.



Google Sites

Google Sites is a structured wiki- and Web page-creation tool offered by Google. The declared goal of Google Sites is for anyone to be able to create simple web sites that support collaboration between different editors.

We have created website using Google site to upload resources like notes, laboratory videos and much more.

Department of Computer Science and Engineering

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

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, And Numerical Techniques Fourier Series	Ms Sowmya K	CLICK	CLICK	CLICK	CLICK	CLICK
2	18CS32	Data Structures and Applications	Mrs Impana Appaji	CLICK	CLICK	CLICK	CLICK	CLICK
3	18CS33	Analog and Digital Electronics	Ms Keerthana M M	CLICK	CLICK	CLICK	CLICK	CLICK
4	18CS34	Computer Organization	Dr PutteGowda D	CLICK	CLICK	CLICK	CLICK	CLICK
5	18CS35	Software Engineering	Mr Anil Kumar B H	CLICK	CLICK	CLICK	CLICK	CLICK
6	18CS36	Discrete Mathematical Structures	Ms Kavyashree E D	CLICK	CLICK	CLICK	CLICK	CLICK
7	18CSL37	Analog and Digital Electronics Laboratory	Mr Anil Kumar CJ	CLICK	CLICK	CLICK	CLICK	CLICK
8	18CSL38	Data Structures Laboratory	Mr Raghuram A S	CLICK	CLICK	CLICK	CLICK	CLICK
9	18CPC39	Constitution of India, Professional Ethics and Cyber Law	Mr Chandrashekar C	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	18CS51	Management, Entrepreneurship for IT idustry	Mrs Impana Appaji	CLICK	CLICK	CLICK	CLICK	CLICK
2	18CS52	Computer Networks and Security	Mrs Nasreen Fathima	CLICK	CLICK	CLICK	CLICK	CLICK
3	18CS53	Database Management System	Mr Kiran B	CLICK	CLICK	CLICK	CLICK	CLICK
4	18CS54	Automata theory and Computability	Mr Anil Kumar CJ	CLICK	CLICK	CLICK	CLICK	CLICK
5	18CS55	Application Development using Python	Mr Anil Kumar B H	CLICK	CLICK	CLICK	CLICK	CLICK
6	18CS56	Unix Programming	Mrs Sushma V	CLICK	CLICK	CLICK	CLICK	CLICK
7	18CSL57	Computer Network Laboratory	Mrs Nasreen Fathima	CLICK	CLICK	CLICK	CLICK	CLICK
8	18CSL58	DBMS Laboratory with mini project	Mrs Jyothi M Patil	CLICK	CLICK	CLICK	CLICK	CLICK
9	18CIV59	Environmental Studies	Dr Suresh K J	CLICK	CLICK	CLICK	CLICK	CLICK

7th Semester

Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	17CS71	Web Technology And Its Applications	Mr Raghuram A S	CLICK	CLICK	CLICK	CLICK	CLICK
2	17CS72	Advanced Computer Architectures	Mrs Vibha U	CLICK	CLICK	CLICK	CLICK	CLICK
3	17CS73	Machine Learning	Mrs Sunitha Patel	CLICK	CLICK	CLICK	CLICK	CLICK
4	17CS742	Cloud Computing And Its Application	Mrs Sneha N P	CLICK	CLICK	CLICK	CLICK	CLICK
5	17CS754	Storage Area Networks	Mrs Jyothi M Patil	CLICK	CLICK	CLICK	CLICK	CLICK
6	17CSL76	Machine Learning Laboratory	Mrs Sunitha Patel	CLICK	CLICK	CLICK	CLICK	CLICK
7	17CSL77	Web Technology Laboratory With Mini Project	Ms Kavyashree E D	CLICK	CLICK	CLICK	CLICK	CLICK
8	17CSP78	Project Work Phase 1 + Project Work Seminar	Mrs Sneha N P	CLICK	CLICK	CLICK	CLICK	CLICK

HOD

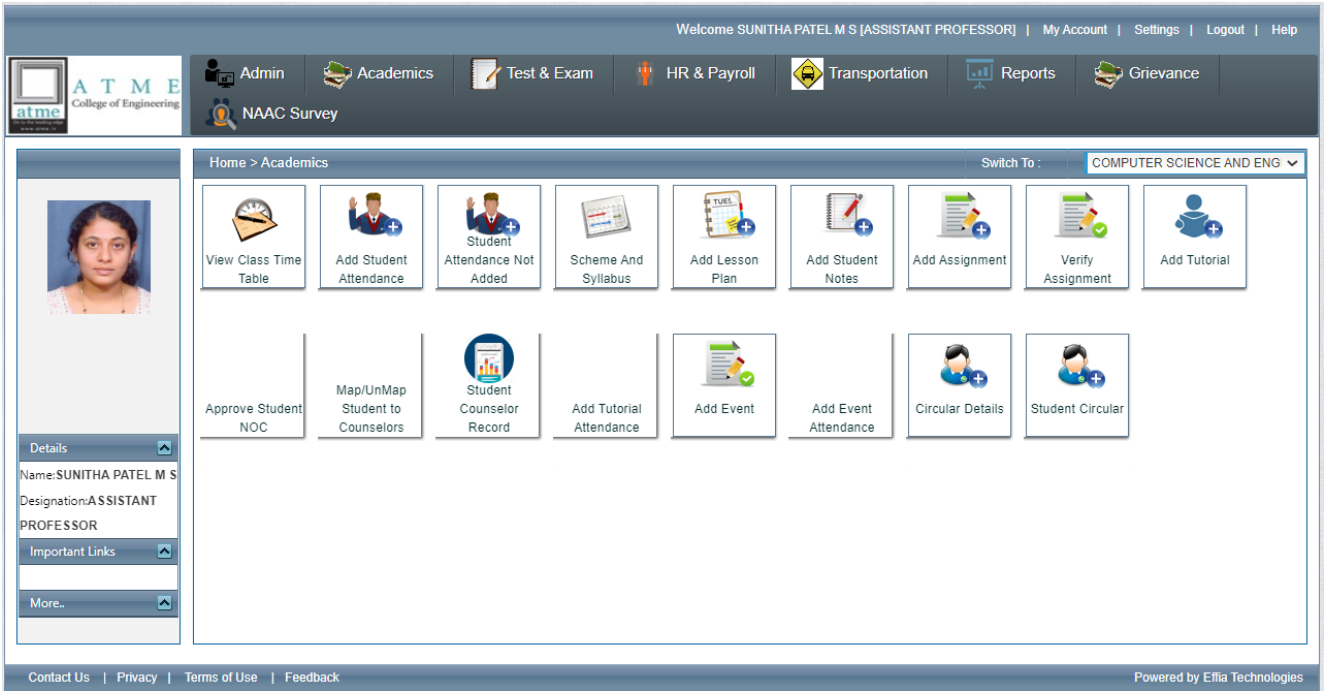
HOD
Dept. of Computer Science & Engg.
ATME College of Engineering
Mysuru-570028

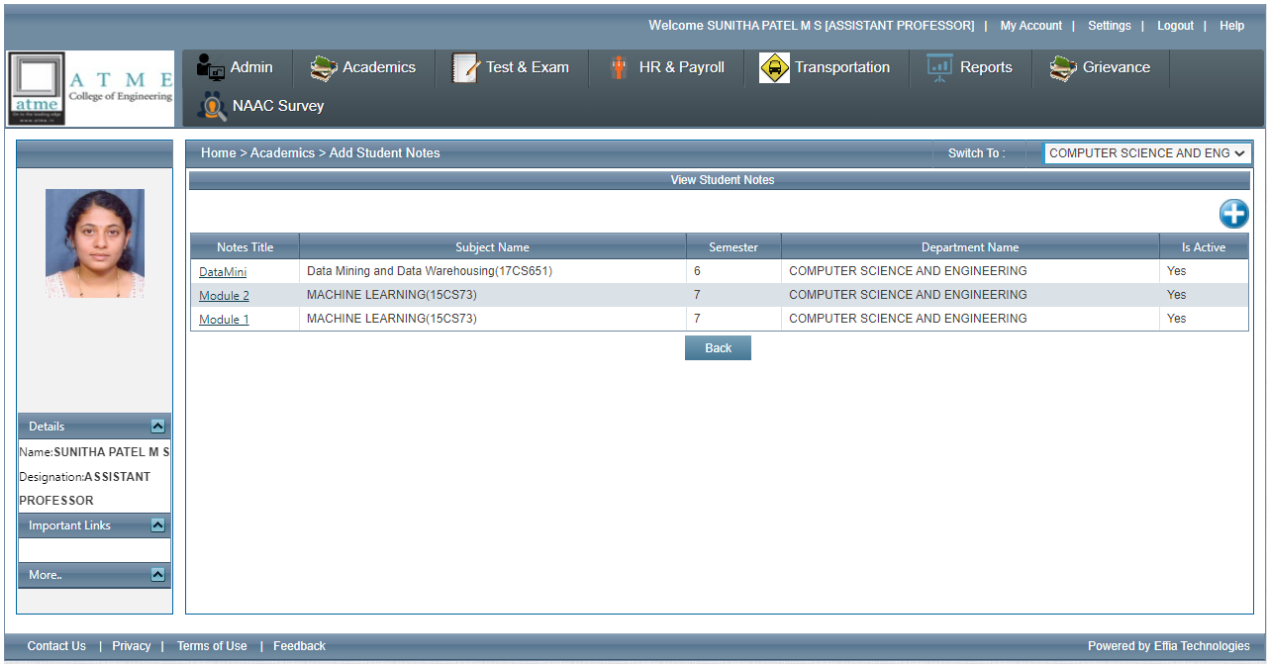
Student Learning Resources

College Enterprise Resource Planning (CERP)

1. Notes and PPT
2. CERP Link : https://eerp.effia.co.in/WebForms/frmLogin.aspx

Note: Credentials is required for Login





Flipped Classroom:

To enhance the learning ability and problem solving ability preface of the topic to be

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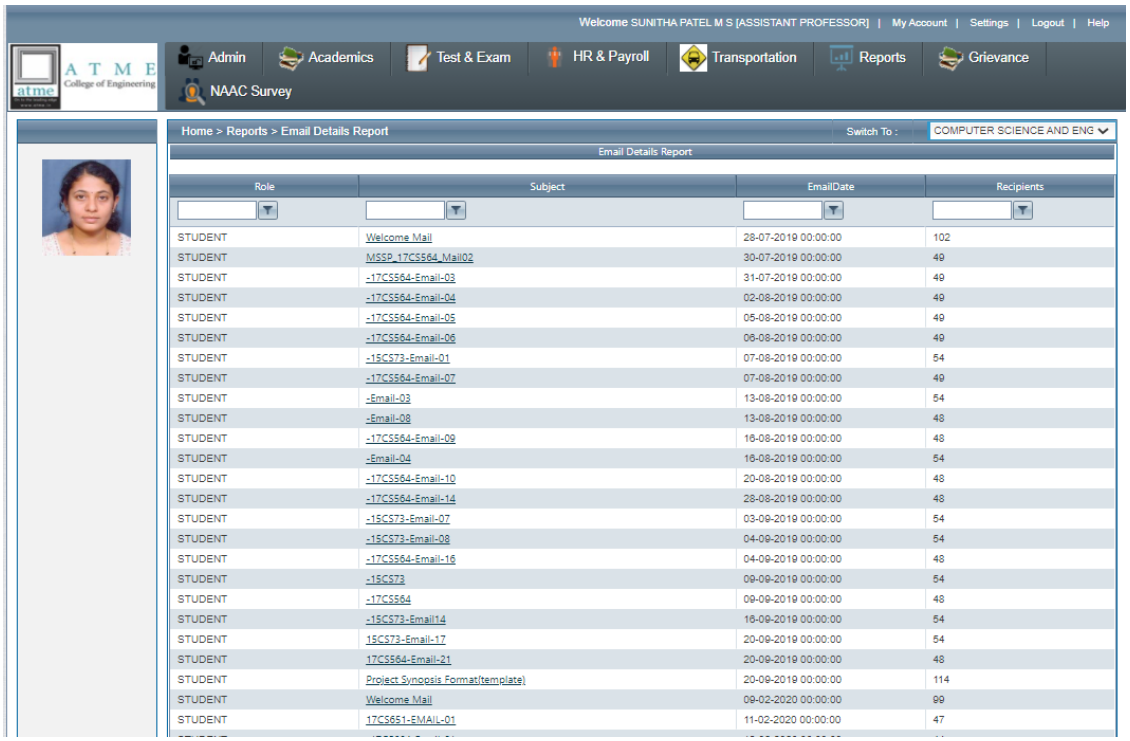
delivered is sent to students through College Enterprise Resource Planning.



Role	Subject	EmailDate	Recipients
STUDENT	Welcome Mail	28-07-2019 00:00:00	102
STUDENT	MSSP_17CS564_Mail02	30-07-2019 00:00:00	49
STUDENT	-17CS564-Email-03	31-07-2019 00:00:00	49
STUDENT	-17CS564-Email-04	02-08-2019 00:00:00	49
STUDENT	-17CS564-Email-05	05-08-2019 00:00:00	49
STUDENT	-17CS564-Email-06	06-08-2019 00:00:00	49
STUDENT	-15CS73-Email-01	07-08-2019 00:00:00	54
STUDENT	-17CS564-Email-07	07-08-2019 00:00:00	49
STUDENT	-Email-03	13-08-2019 00:00:00	54
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STUDENT	-15CS73-Email-07	03-09-2019 00:00:00	54
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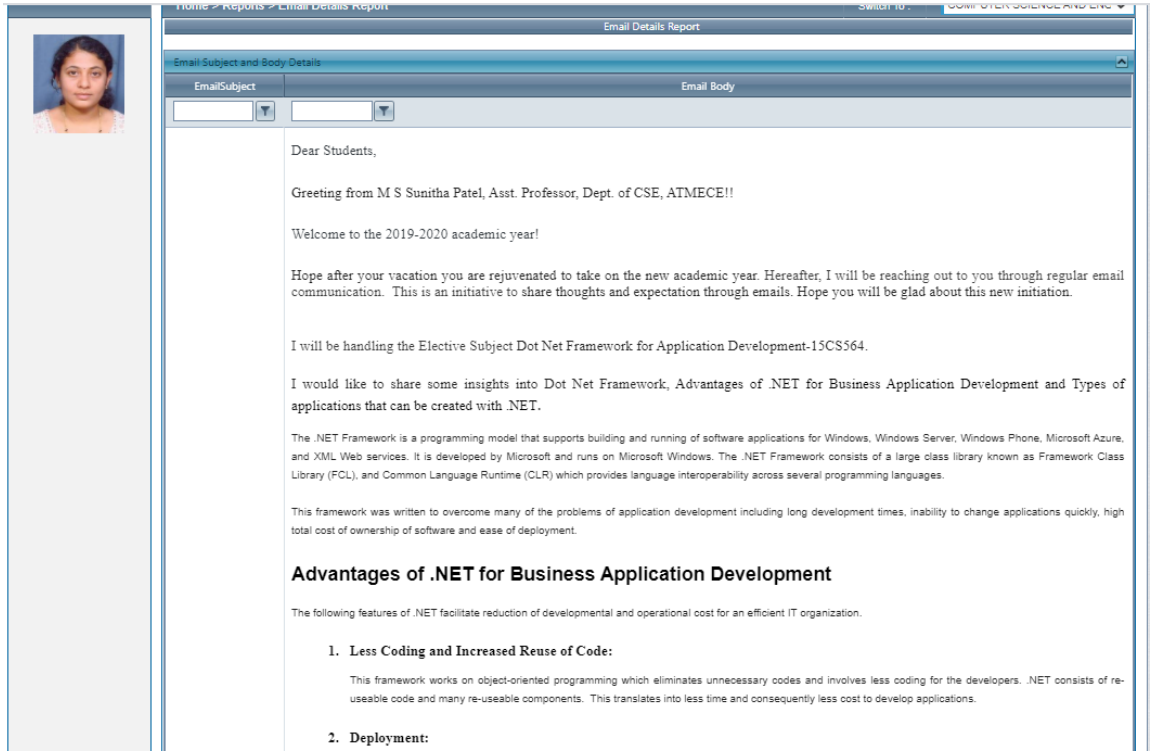
STUDENT	-15CS73-Email14	16-09-2019 00:00:00	54
STUDENT	15CS73-Email-17	20-09-2019 00:00:00	54
STUDENT	17CS564-Email-21	20-09-2019 00:00:00	48
STUDENT	Project Synopsis Format(template)	20-09-2019 00:00:00	114
STUDENT	Welcome Mail	09-02-2020 00:00:00	99
STUDENT	17CS651-EMAIL-01	11-02-2020 00:00:00	47



Dear Students,

Greeting from M S Sunitha Patel, Asst. Professor, Dept. of CSE, ATMECE!!

Welcome to the 2019-2020 academic year!

Hope after your vacation you are rejuvenated to take on the new academic year. Hereafter, I will be reaching out to you through regular email communication. This is an initiative to share thoughts and expectation through emails. Hope you will be glad about this new initiation.

I will be handling the Elective Subject Dot Net Framework for Application Development-15CS564.

I would like to share some insights into Dot Net Framework, Advantages of .NET for Business Application Development and Types of applications that can be created with .NET.

The .NET Framework is a programming model that supports building and running of software applications for Windows, Windows Server, Windows Phone, Microsoft Azure, and XML Web services. It is developed by Microsoft and runs on Microsoft Windows. The .NET Framework consists of a large class library known as Framework Class Library (FCL), and Common Language Runtime (CLR) which provides language interoperability across several programming languages.

This framework was written to overcome many of the problems of application development including long development times, inability to change applications quickly, high total cost of ownership of software and ease of deployment.

Advantages of .NET for Business Application Development

The following features of .NET facilitate reduction of developmental and operational cost for an efficient IT organization.

1. **Less Coding and Increased Reuse of Code:**

   This framework works on object-oriented programming which eliminates unnecessary codes and involves less coding for the developers. .NET consists of re-useable code and many re-useable components. This translates into less time and consequently less cost to develop applications.

2. **Deployment:**

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Participatory Learning

1. Participation in Club Activities offering peer to peer learning and enhancing Technical & logical thinking skills

2. Industrial Visit to get insight into working structure of industries

3. Poster Presentation Activity

4. Paper Presentation Activity

5. Co-curricular & Extra-Curricular activities/contests to imbibe self-confidence among

Participation in Club Activities offering peer to peer learning and enhancing Technical & Logical thinking skills

CODE RELAY'

The Computer Science and Engineering Department under **Computer Society of India Division-1 and Computer Society of India Student Branch** had organized a Intra Collegiate coding competition called "Code Relay" on 5th April 2019, where many of the students from pre-final year and second year showed much of their interest in the event for the year 2018-19 .

TECHNOVANZA

The Computer Science and Engineering Department under **Computer Society of India Division-1 and Computer Society of India Student Branch** had organized a Intra Collegiate event called 'Technovanza' on 11th May 2019 where many of the students from pre-final year and second year showed much of their interest in the event. The Newsletter Tech Bits Volume 3, Issue 2 for the year 2018-19 was released on this day.

The Code relay winners are seen receiving the cash prize from Dr. Manjunath S S, HOD, Dr. Puttegowda D and Mrs. Sneha N P, Student Branch counsellor.

1st Place – Sanjay and team

2nd Place – Syed Asif and team

3rd Place – Darshini and team

Industrial Visit to get insight into working structure of industries

Department of Computer Science and Engineering

Partcipatory Learning

Industrial Visit in the AY 2018-19

Sl No.	Company Name	Class	Date
1	Indian space Research Organization (ISRO), Bengaluru	5th Sem	10/08/2018
2	Central Food Technological Research Institute, Mysuru	7th Sem	20/08/2018
3	Infosys Limited, Mysuru Campus	7th Sem	15/09/2018

Industrial Visit to "Indian Space Research Organization (ISRO)"

A one day Industrial visit to **Indian space Research Organization (ISRO)**, Bengaluru was organized by Department of Computer Science &Engineering, ATME College of Engineering, Mysuru on 10th August 2018 for 5th Semester students. It was a half day visit by 48 students of 5thsemester along with 3 faculty members, Mrs. Sowmya Shree P, Mrs. Nasreen Fathima and Mr. Shrinivasa G, Asst. professors, Dept. of CS&E, ATME College of Engineering .

Department of Computer Science and Engineering

Industrial Visit to "Central Food Technological Research Institute"

A One day Industrial Visit was organized by the Department of Computer Science and Engineering, ATME College of Engineering, Mysuru for 7th semester students to "**Central Food Technological Research Institute", Mysuru** on 20th August 2018. There were 30 students and accompanied by two faculties, Mrs. Sowmya Shree P and Mr. Shrinivasa G, Assistant Professors, Dept. of CS&E, ATME College of Engineering, Mysuru.

Industrial Visit to "Infosys Limited"

A One day Industrial Visit was organized by the Department of Computer Science and Engineering, ATME College of Engineering, Mysuru for 7th semester students to "Infosys Limited", Mysuru Campus on 15th September 2018. There were 70 students and accompanied by three faculties, Mrs. Sowmya Shree P, Mr. Shrinivasa G and Mr. Ranganath K, Assistant Professors,Dept. of CS&E ATME College of Engineering, Mysuru.

Department of Computer Science and Engineering

Industrial Visit in the AY 2016-17

Sl No.	Company Name	Class	Date
1	Effia Technologies Pvt. Ltd.	7th Sem	08/07/2016

Industrial Visit in the AY 2017-18

Sl No.	Company Name	Class	Date
1	Effia Technologies Pvt. Ltd.	7th Sem	28/07/2017

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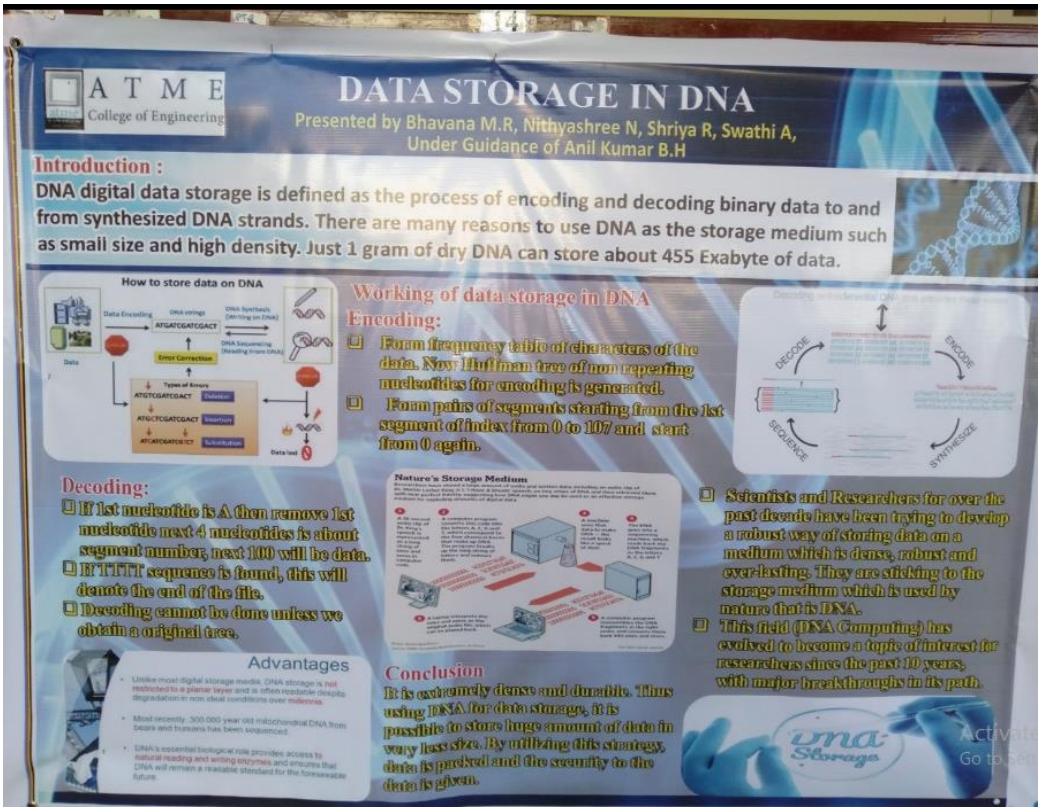
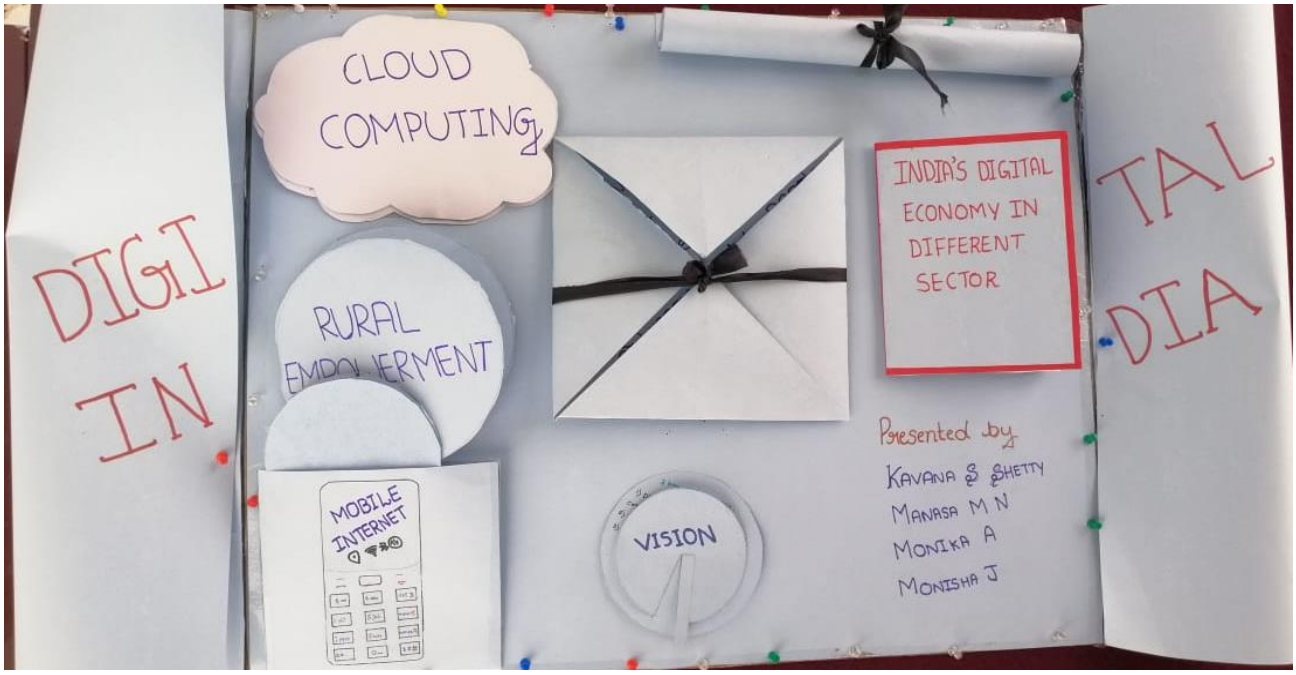
Poster Presentation Activity

POSTER PRESENTATION/QUIZ/ESSAY WRITING

1.	Manasa M N, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019
2.	Kavana S Shetty, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019
3.	Monika A, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019
4.	Bhavana M R, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019
5.	Nithyashree N, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019
6.	Shriya R, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019
7.	Swathi A, participated in Poster Presentation – Digital India, Quiz, and Essay writing competition conducted by KSTA in ATMECE, Mysuru on 26th to 28th March 2019




DIGI
IN
TAL
DIA
CLOUD COMPUTING
RURAL EMPOWERMENT
MOBILE INTERNET
VISION
INDIA'S DIGITAL ECONOMY IN DIFFERENT SECTOR
Presented by
KAVANA S SHETTY
MANASA M N
MONIKA A
MONISHA J

Paper Presentation Activity

Department of Computer Science and Engineering

Report

Paper Presentation in INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE & TECHNOLOGY (ICRTST-2020)

Link : http://icrtst.atme.in/assets/ICRTST-2020%20Proceeding.pdf

Learner Activity

USN	Name	Learner Type
4AD16CS004	AKKAMAHADEVI C J	Average Learner
4AD16CS010	BRUNDHA S S	Average Learner
4AD16CS020	GEETHA	Advanced Learner
4AD16CS052	POOJA K	Advanced Learner
4AD16CS082	SUDHA M P	Advanced Learner
4AD16CS095	VAISHNAVI C S	Advanced Learner
4AD17CS404	ARPITHA S	Average Learner
4AD17CS410	NAVYA S	Average Learner
4AD16CS039	MOHAMED NAUMAAN	Average Learner
4AD16CS070	SHARVANI N PANDE	Average Learner
4AD16CS072	SHAZIA BAIG	Advanced Learner
4AD16CS073	SHEEBAN E TAMANNA	Advanced Learner
4AD15CS026	HAMEEDA BANU	Advanced Learner
4AD16CS092	THAMITHA	Advanced Learner
4AD16CS096	VARSHA J	Average Learner
4AD15CS055	POOJA C	Average Learner
4AD16CS093	Thejas D	Average Learner
4AD16CS066	SANDYA G B	Average Learner
4AD16CS084	SUPREETH H	Average Learner
4AD16CS098	VIVECHAN B	Average Learner

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Mysuru-570028

A SURVEY ON REAL TIME TRAFFIC LIGHT CONTROL USING IMAGE PROCESSING

Impana Appaji[1], Akkamahadevi C J[2], Brundha S S[3], Geetha[4], Pooja K[5]
1 Assistant Professor,
Computer Science & Engineering,
Academy for Technical and Management Excellence college of Engineering,
Mysore,
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2345 UG students,
Department of Computer Science & Engineering,
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Mysore, Karnataka, India.

Abstract: As the problem of urban traffic congestion spreads, there is a pressing need for the introduction of advanced technology and equipment to improve the state-of-the-art of traffic control. Traffic problems nowadays are increasing because of the growing number of vehicles and the limited resources provided by current infrastructures. The simplest way for controlling a traffic light uses timer for each phase. Another way is to use electronic sensors in order to detect vehicles, and produce signal that cycles. We propose a system for controlling the traffic light by image processing. The system will detect vehicles through images instead of using electronic sensors embedded in the pavement. A camera will be installed alongside the traffic light. It will capture image sequences. The image sequence will then be analyzed using digital image processing for vehicle detection, and according to traffic conditions on the road traffic light can be controlled.

Keywords: Intelligent Transportation System (ITS), Traffic light, Image Processing, edge detection.

INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE & TECHNOLOGY (ICRTST - 2020)

A STUDY ON LEARNING SPATIAL AND TEMPORAL EXTENTS OF HUMAN ACTIONS FOR ACTION DETECTION

Impana Appaji[1], Arpitha S[2], Navya S[3], Sudha M P[4], Vaishnavi C S[5]
1 Assistant Professor,
Computer Science & Engineering,
Academy for Technical and Management Excellence college of Engineering,
Mysore,
Karnataka, India.

2345 UG students,
Department of Computer Science & Engineering,
Academy for Technical and Management Excellence college of Engineering,
Mysore,
Karnataka, India.

Abstract: For the problem of action detection, most existing methods require that relevant portions of the action of interest in training videos have been manually annotated with bounding boxes. Some recent works tried to avoid tedious manual annotation, and proposed to automatically identify the relevant portions in training videos. However, these methods only concerned the identification in either spatial or temporal domain, and may get irrelevant contents from another domain. These irrelevant contents are usually undesirable in the training phase, which will lead to a degradation of the detection performance. This paper advances prior work by proposing a joint learning framework to simultaneously identify the spatial and temporal extents of the action of interest in training videos.

Keywords: Action localization, action recognition, discriminative latent variable model, split-and-merge.

INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE & TECHNOLOGY (ICRTST - 2020)

RECOGNITION OF ALZHEIMER'S DISEASE USING MRI SCANS BY ARTIFICIAL NEURAL NETWORK

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Abstract: Alzheimer's Disease (AD) is a permanent and dynamic psyche disease that consistently wrecks memory force and thinking capacity aptitudes that it impacts the ordinary everyday practice of person. The work showed currently is that the utility of picture dealing with the Magnetic Resonance Image (MRI) compasses to assess the opportunity of an early acknowledgment of AD. The paper shows the utilization of a couple pre-picture planning procedures, for instance K-infers bundling - implies, wavelet change, watershed estimation, fake neural framework and besides a changed figuring tweaked for some specific case. It very well may be executed utilizing open source stages, for example, OpenCV and Qt, which helps the usage and value of the created filters in the medical clinics without requiring a specific programming. The results obtained by this endeavor could help in recognizing Alzheimer's patients and sound individuals, and investigating the AD patients with the psychological results and could as needs be help the pros in perceiving the malady at earlier stages. This could intelligently help in perception and treating AD.

Keywords: Watershed, OpenCV, Wavelet Transform

SURVEY ON BLOCKCHAIN TECHNOLOGY - MERITS, DEMERITS AND ITS APPLICATIONS

Hameeda Banu[1], Thamither[2], Pooja[3], Varsha J[4], Kavyashree E D[5] Student[1,2,3,4], Assistant Professor[5]

ATME College of Engineering, Mysuru

Abstract: Block chainis a growing technology, It is linked to cryptography and it has a list of records called blocks. Block is a digital information and public database is a chain. Blockchain can be distributed recorded but not edited. It is devised of digital currency, bitcoin. It carries no transaction cost only infrastructure cost. Passing information from one node to another by fully automated and safe manner. It creates unique record with unique history. Falsying any single piece of data means falsifying entire chain. Block chain helps to authenticate digital information. Three pillars of blockchain technology are decentralization, transparency, Immutability. It is timestamped series of records of data that is managed by cluster of computer it has no central authority. This paper discusses on real time applications, merits and demerits.

Keywords: Blockchain, Bitcoins, Cryptocurrency,Cryptography, Records.

INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE & TECHNOLOGY (ICRTST - 2020)

OBJECT DETECTION THROUGH SYMBIOTIC DEEP LEARNING: DETECTION AND RECOGNITION ON RESOURCE CONSTRAINED DEVICE

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Abstract: Detection of objects are one of the most prevalent and challenging tasks that a surveillance system has to complete in order to determine doubtful activities and meaningfulevents, and automatically annotate and fetch content. an object can be a face, a head, a human, or a product. Efficiency and accuracy in object detection has been an very important topic in the advancement of computer or robot vision systems. With the advancedinvention of deep learning techniques, the accuracy for object detection has increased drastically. The paper bring about incorporate state-of-the-art technique for object detection by getting high accuracywith a real-time performance. A big challenge in many of the main object detection systems is the dependency on other computer vision techniques for helping the deep learning based approach, which mainly leads to slow and non-optimal performance. In this paper, a totally deep learning based approach is used to solve theproblem of object detection in an end-to-end fashion. The resulting system is very fast and accurate, thus aiding those applications which require object detection.

Keywords: detection; recognition; deep learning; accurate;

ATME College of Engineering

INTERNATIONAL CONFERENCE
on Recent Trends in Science & Technology
Date:17th & 18th June 2020
(ICRTST - 2020)

ICRTST 2020

CERTIFICATE

This is to certify that Mr/Mrs/Ms/Dr/Prof ***Sheeban E Tamanna***

ATME College of Engineering, Mysuru

has participated as the Co-author for the paper entitled ***RECOGNITION OF ALZHEIMER'S DISEASE USING MRI SCANS BY ARTIFICIAL NEURAL NETWORK***

in the "INTERNATIONAL CONFERENCE on Recent Trends in Science & Technology (ICRTST - 2020)"
organized by ATME College of Engineering, Mysuru held on 17th and 18th June 2020.

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

Dr. Basavaraj L
Principal
ATMECE, Mysuru

Department of Computer Science and Engineering

ATME College of Engineering

INTERNATIONAL CONFERENCE
on Recent Trends in Science & Technology
Date:17th & 18th June 2020
(ICRTST - 2020)

ICRTST 2020

CERTIFICATE

This is to certify that Mr/Mrs/Ms/Dr/Prof ***Shazia Baig***

ATME College of Engineering, Mysuru

has participated as the Co-author for the paper entitled ***RECOGNITION OF ALZHEIMER'S DISEASE USING MRI SCANS BY ARTIFICIAL NEURAL NETWORK***

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Professor & Head
Dept. of EEE, ATMECE, Mysuru

Dr. Basavaraj L
Principal
ATMECE, Mysuru

ATME College of Engineering

INTERNATIONAL CONFERENCE
on Recent Trends in Science & Technology
Date:17th & 18th June 2020
(ICRTST - 2020)

ICRTST 2020

CERTIFICATE

This is to certify that Mr/Mrs/Ms/Dr/Prof ***Sharvani N Pande***

ATME College of Engineering, Mysuru

has participated as the Co-author for the paper entitled ***RECOGNITION OF ALZHEIMER'S DISEASE USING MRI SCANS BY ARTIFICIAL NEURAL NETWORK***

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Professor & Head
Dept. of EEE, ATMECE, Mysuru

Dr. Basavaraj L
Principal
ATMECE, Mysuru

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

Sample Circular

ATME College of Engineering

Ref.No./AY_2018-19/ATMEYA/01 12.03.2019

CIRCULAR

Subject: ATMEYA – 2K19

The fest ATMEYA –2K19 is used as a forum to promote ATME College of Engineering through exhibition of student's talents under various co-curricular activities.

This year, ATMEYA -2K19 is proposed to be called as Techno-Cultural fest. The fest is celebrated through diversity and provides a platform to students to express their talent. To make Techno-Cultural fest ATMEYA-2K19 a grand success, we need the support of the following staff to share their views and offer constructive work assuming responsibilities.

Executive Coordinators for ATMEYA-2K19

Electrical & Electronics Engineering	Electronics and Communication Engineering	Mechanical Engineering	Civil Engineering	Computer Science Engineering
Mr.Raghavendra L Mr.Sathish K R Mr.Praveen Kumar M Mr.Vinod Kumar P Mr.Shreeshayana R	Dr.S R Bhagyashree Mr.Chadrashekar P Mrs.Juslin F Mrs.Harshitha N Mr.Manjunath K	Mr.Ravikumar S Mr.Swamakiran S Mr.Rohith S Mr.Pavan Kumar P Mr.Karthik Kumar M	Mr.Mandeep G Mr.Rudresh N Mrs. Bharathi B Mr.Shrivatsa H U	Mrs.Sowmyashree P Mr. Kiran B Mr.Shrinivasa G Ms.Keerthana Mrs.Prakruthi S

Physics	Maths	Chemistry	General	Foreman / Instructor
Dr.Mahesh Lohith K Mr. Ramachandra M Mr.Nandan	Mr.Ranganath Mrs.Priyanka N Ms.Kavya S	Dr.Mohamed Eliyas Mr. Kiran P	Mr.Chandrashekar G Mr.Nandeesha K G Mr.Muralidhar P Mr.Shivakumara M Mr.Jeevan K Mr.Babu Kamrath	Mr. Maadesh S (ME) Mr.Manjunath H R(ECE) Mr. Srikantamurthy(ECE) Mr.Kushal R (EEE) Mr. Nagappa T N (CSE) Mr.Prashanth (CV) Ms.Jayanthi S (EEE)

Dr.Parthasarathy L
Cultural Committee Chairman
ATMEYA-2k19

13/3/19
Principal
ATMECE
PRINCIPAL
ATME College of Engineering
13th KM, Mysuru-Kanakapura-Bangalore Road
Mellahalli, Mysuru-570 028

Curricular and Extra-Curricular Activity Collage

Department of Computer Science and Engineering

Students are encouraged in extracurricular activities to imbibe self-confidence

1. **Socio Cultural Activities**

Blood Donation Camp

Candle Light March

Department of Computer Science and Engineering

Bike Rally

MARATHON

HOD

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Mysuru-570028

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

Technical Seminar presentation on concurrent topics

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.

ATME College of Engineering
ISO 9001:2015
Department of Computer Science and Engineering

Seminar Topic List 2019-20

Sl. No.	Seminar Title
1	Cyber criminologyv
2	Li-Fi
3	Tripwire
4	APPLICATION OF BLOCKCHAIN TECHNOLOGY IN CLOUD COMPUTING
5	Mind-reading Computer
6	Virtual smartphone
7	5G technology
8	Big data quality framework:preprocessing data in Weather monitoring application
9	Beacon technology in event check in process
10	Novel intrusion detection by using mobile adhoc network
11	E-Ball PC technology
12	Improve voice quality based on VOLTE
13	Touch less touch screen technology
14	Smart Eye Tracking System
15	IP SPOOFING DETECTION FOR PREVENTING DDOS ATTACK IN FOG COMPUTING
16	IOT based Traffic congestion monitoring and management system
17	E-government and the challenge of cybercrime
18	Smart voting system through face recognition
19	A Study of Text Steganography
20	Improving genetic Algorithm With Fine Tuned Cross Over and Scaled Architecture
21	Google project loon
22	Bluejacking technology
23	V2G Electric Vehicle Charging for Railway Station Parking Lots based on BLP
24	BIONIC EYE
25	Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques
26	An IoT Based Smart Helmet for Accident Detection and Notification
27	Web Analytics
28	Face recognition technology
29	Retina based biometric authentication system
30	An outlook for quantum computing
31	Face recognition,sence to text conversion and pronounciation for visually impaired people
32	Network Quality-Aware Architecture for Adaptive Video Streaming from Drones
33	Underwater image enhancement with a deep residual framework
34	Google Glass
35	Serverless computing
36	PROSTHETIC HAND
37	Double sided foldable display
38	Secure file storage on cloud using Cryptography
39	Evaluation of relevance vector machine classifier for real time face recognition system

ATME College of Engineering
ISO 9001:2015
Department of Computer Science and Engineering

40	POCOMO TECHNOLOGY
41	itwin pendrive technology
42	Steganography scheme on jpeg compressed cover image with high embedding capacity
43	Implementation of Smartwatch User Interface Using Machine Learning based Motion Recognition
44	Enhancing ATM security using finger print technology
45	COBRA technology
46	TSUNAMI WARNING SYSTEM USING INTERNET OF THINGS
47	security and privacy in social network on the internet
48	Sniffer for mobile phones
49	GI FI
50	Data storage on fingernail
51	Emotion recognition based on machine learning in IOT
52	Automated IT System Failure Prediction Using Deep Learning approach
53	Protection of personal data
54	Tracking of Student Performance By means of Machine learning
55	Green cloud computing
56	Night Vision Technology
57	Proposing a new version of Kerberos authentication protocol for cloud computing
58	Spammer detection and fake user identification on social networks
59	Review on home energy management system considering demand response,smart technologies & intelligent controllers
60	Security testing methodology of Iot
61	Night Vision Technology
62	Live box a self adaptive forensic ready service for drones
63	WATER DEMAND PREDICTION USING SVM
64	Green droid
65	Smart Card ID
66	Operating Platoons on Public Motorways
67	Networking challenges in distributed quantum technology
68	speech recognition
69	Ethical Hacking:The need of cyber security.
70	IPDAC: As integrated ip address management framework for telecommunications management networks
71	Digital watermarking scheme for copyright protection and tampering detection
72	Pill camera
73	Cloud robotics and automation
74	Block chain Based Cloud Computing Model On EVM Transactions for Secure Voting
75	Neuro mesh
76	FEATHERED LEARNING
77	Global wireless e voting system
78	Captchas
79	Eye Ring - Finger worn Assistant
80	Dynamic feedback

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81	Brief Description About 5G Technology
82	Two-way image based Captcha
83	Environmental nanotechnology
84	Next Generation Cyber Security Architecture for Industrial IOT
85	Deep learning for intelligent transportation
86	Hadoop application by using naive Bayes algorithm and K means clustering
87	Digital Image Watermarking using Stenography
89	CHILD SAFETY WEARABLE DEVICE
91	Precision agriculture monitoring system using green IoT

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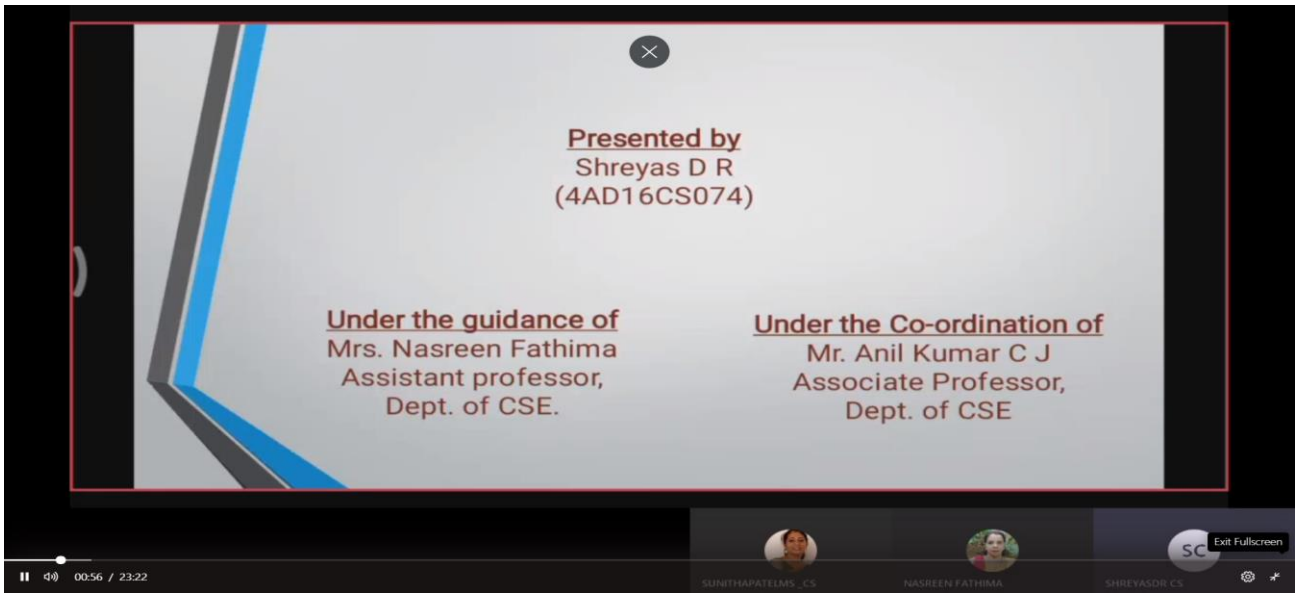
Evaluation in MS Teams

AY: 2019-2020


Presented by
Shreyas D R
(4AD16CS074)
Under the guidance of
Mrs. Nasreen Fathima
Assistant professor,
Dept. of CSE.
Under the Co-ordination of
Mr. Anil Kumar C J
Associate Professor,
Dept. of CSE
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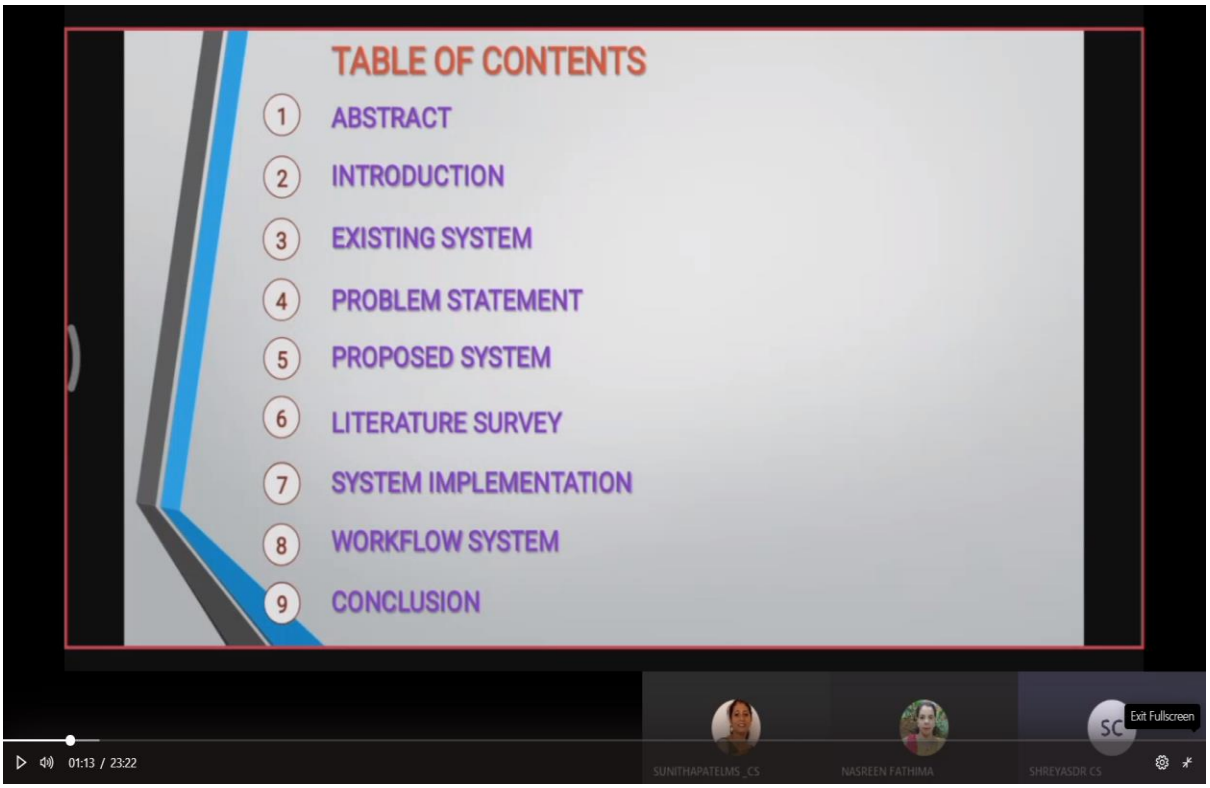
TABLE OF CONTENTS
1 ABSTRACT
2 INTRODUCTION
3 EXISTING SYSTEM
4 PROBLEM STATEMENT
5 PROPOSED SYSTEM
6 LITERATURE SURVEY
7 SYSTEM IMPLEMENTATION
8 WORKFLOW SYSTEM
9 CONCLUSION
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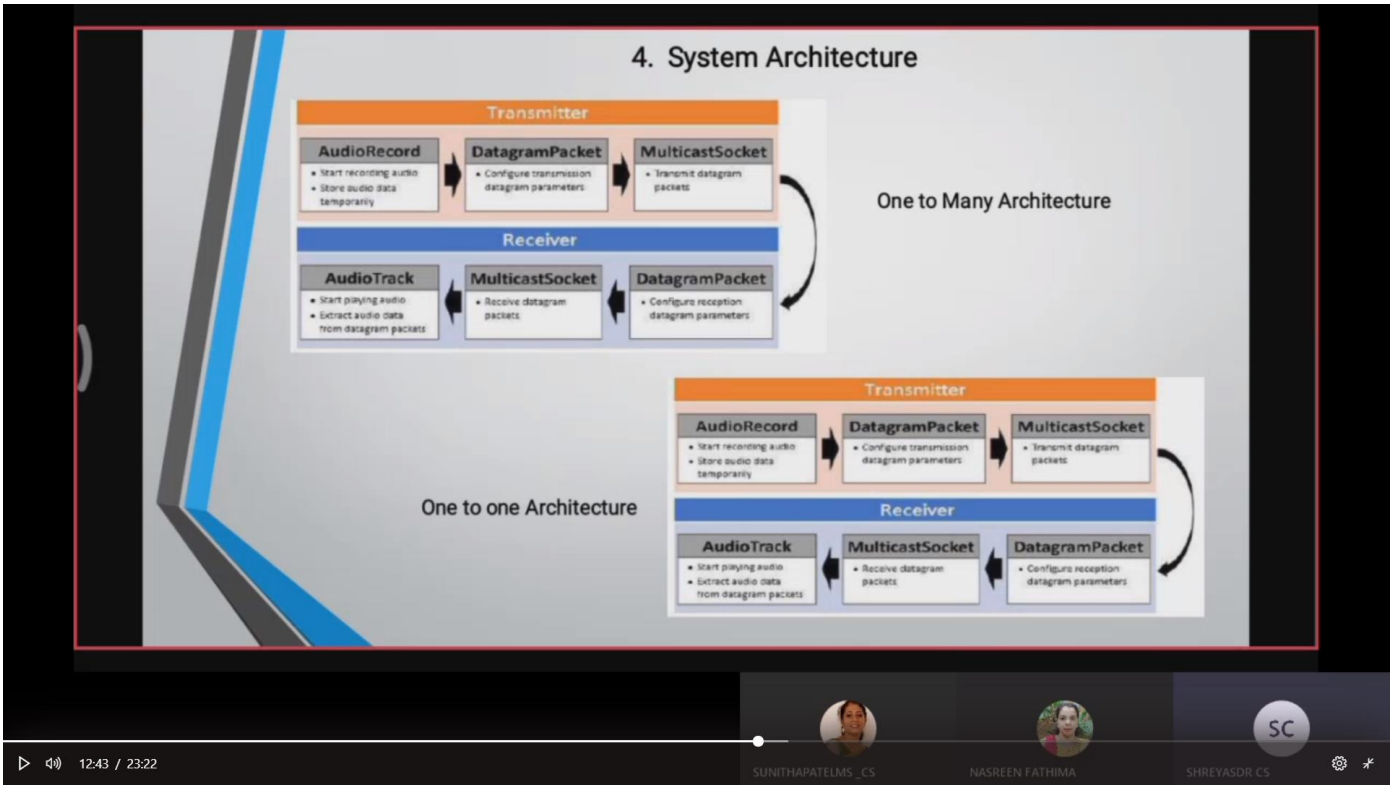

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Technical Seminar Delivery by Experts is also conducted to enhance students learning Perspective

Department of Computer Science and Engineering of ATME College of Engineering, Mysuru organized a technical talk on **"Latest Trends and Technologies, New Age Talents "** for III,V and VI semester students of CSE on 6th October 2018 under the Computer Society of India Student Branch.

Raghavendra Udupa, Delivery Manager, Infosys was the resource person. It was coordinated by Sneha N P, Assistant Professor and Shruthi P, Assistant Professor.

Webinar on Latest Technologies

Department of Computer Science & Engineering had organized Three days webinar on ***"Latest Technologies"*** from 9th July to 11th July 2020 virtually for faculties and students.

Around 390 participants were registered for the event. Through telegram link all the event activities, PPTs and feedback link were shared. E mail confirmation was also made for all the participants. 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 130 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.

Mr. Anil Kumar B H and Ms. Kavyashree E D coordinated the events and event was hosted by Ms. Keerthana M M on all the three days.

Resource persons and topic delivered day wise are listed below.

Day 1 (09-07-2020)	Day 2 (10-07-2020)	Day 3 (11-07-2020)
Dr. Gururaj K.S., Associate Professor, Dept. of CSE, GSSSIETW, Mysuru **Topic:** Introduction to Cloud Platforms	**Dr. Andhe Dharani,** Professor and Director, R.V. College of Engineering, Bengaluru **Topic:** Data to Big Data & Decision Making using Machine Learning	**Ms. Nagalakshmi T.S,** Assistant Professor, Dept. of EIE, GSSSIETW, Mysuru **Topic:** Introduction to Artificial Intelligence & its Tools

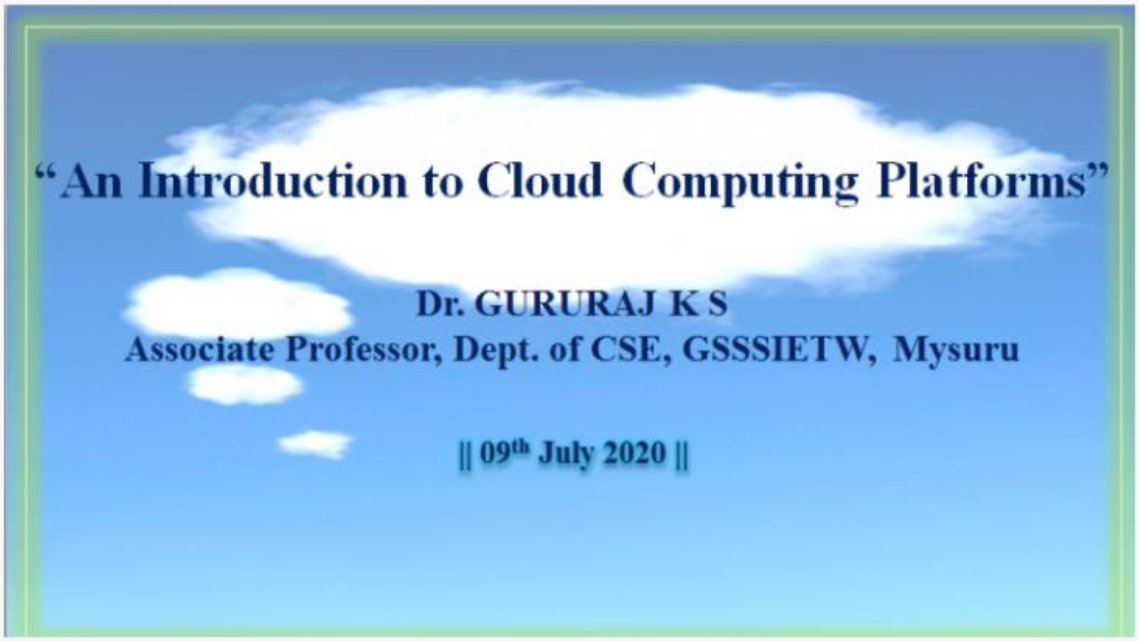
Day-1

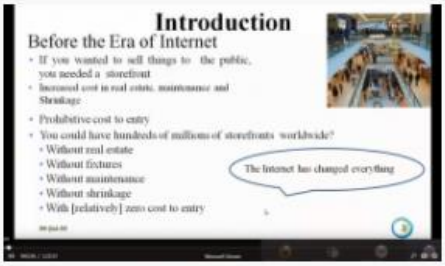
Resource person: Dr. Gururaj K S, Associate Professor, Dept. of CSE, GSSSIETW, Mysuru

Day-1

Resource person: Dr. Gururaj K S, Associate Professor, Dept. of CSE, GSSSIETW, Mysuru

Topic Delivered: An Introduction to Cloud Computing Platforms.





Dr. Gururaj K S, Gave an brief overview on cloud introduction, cloud characteristics, cloud computing reference model, cloud deployment models, cloud computing services, Amazon Web Services (AWS) and Google cloud: Compute Engine Features, Data Processing, Virtual Machine Images, Storage Features and Issues with the internet, cloud. AWS platform working was shown practically with sample examples.

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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.

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.

Resource Person: Dr. Srinath S – Associate Professor, Dept., of CSE, SJCE, Mysuru.

Topic Delivered: Pervasive Computing.

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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.**

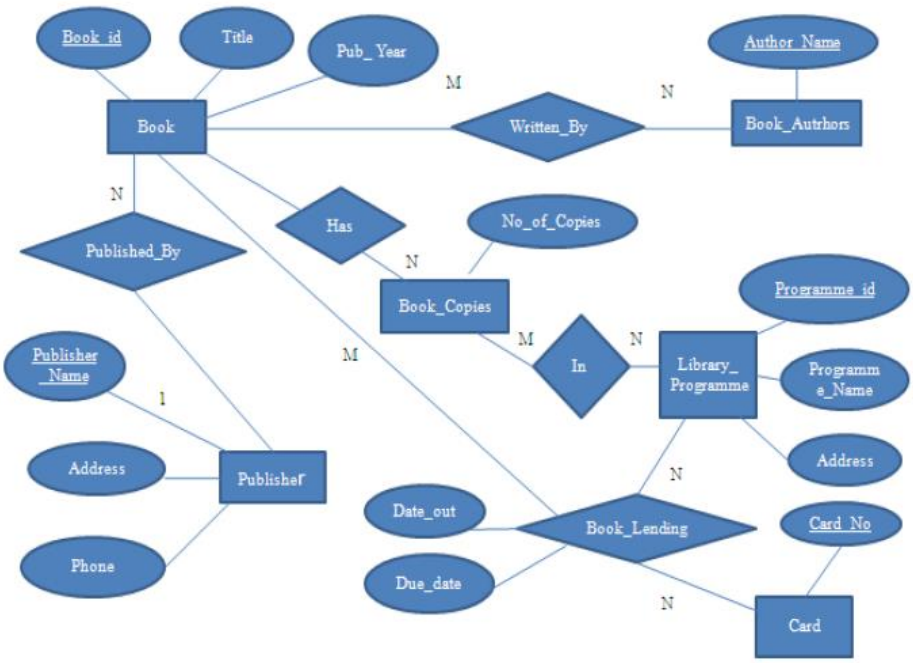
Program Objectives:

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.

Solution:

Entity-Relationship Diagram



Schema Diagram

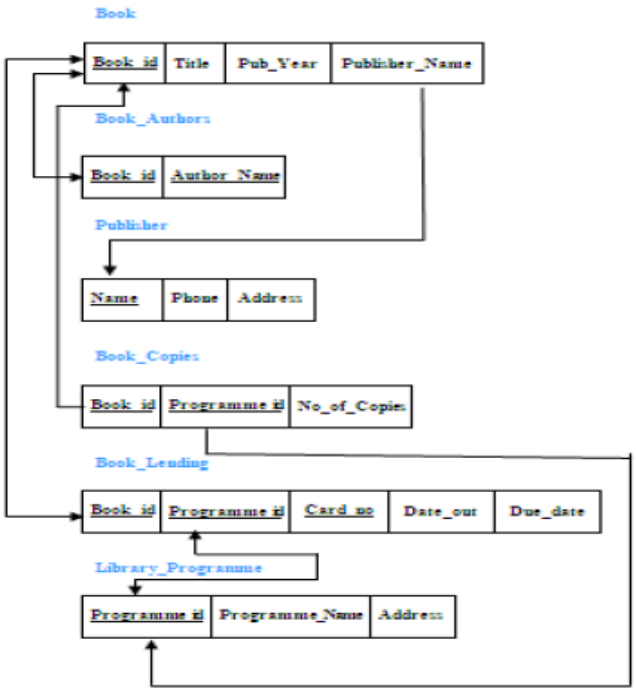


Table Descriptions

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 | 0       |       |
+-------------+-------------+------+-----+---------+-------+
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>
```

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

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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Additional Hour session for identified courses

Department of Computer Science and Engineering

Additional Hour Session

Based on the previous results, student ability to grasp the course extra sessions are offered to Identified courses.

a. University Allotted Hours for courses:

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
Scheme of Teaching and Examination 2018 – 19
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)
(Effective from the academic year 2018 – 19)

III SEMESTER

Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18MAT31	Transform Calculus, Fourier Series And Numerical Techniques	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18CS32	Data Structures and Applications	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS33	Analog and Digital Electronics	CS / IS	3	0	--	03	40	60	100	3
4	PCC	18CS34	Computer Organization	CS / IS	3	0	--	03	40	60	100	3
5	PCC	18CS35	Software Engineering	CS / IS	3	0	--	03	40	60	100	3
6	PCC	18CS36	Discrete Mathematical Structures	CS / IS	3	0	--	03	40	60	100	3
7	PCC	18CSL37	Analog and Digital Electronics Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL38	Data Structures Laboratory	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18KVK39	Vyavaharika Kannada (Kannada for communication)/	HSMC	--	2	--	--	100	--	100	1
		18KAK39	Aadalitha Kannada (Kannada for Administration)									
		OR	OR									
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
					Examination is by objective type questions							
				TOTAL	17	08	04	24	420	480	900	24
					OR	OR		OR	OR	OR		
					18	10		26	360	540		

b. Extra Hour Alloted for Identified Courses:

III Semester A Sec:

Subject Code	Subject Title	University Alotted Hours	Total Hours Alloted	Faculty In-Charge
18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	4	4	MADHUSUDHAN K V
18CS32	DATA STRUCTURES AND APPLICATIONS	5	5	RAGHURAM A S

18CS33	ANALOG AND DIGITAL ELECTRONICS	3	4	ARCHANA M R
18CS34	COMPUTER ORGANIZATION	3	4	PUTTEGOWDA D
18CS35	SOFTWARE ENGINEERING	3	4	ANIL KUMAR B H
18CS36	DISCREET MATHEMATICAL STRUCTURES	3	4	KAVYASHREE E D
18CSL37	ANALOG AND DIGITAL ELECTRONICS LABORATORY	4	3+3	ARCHANA M R
18CSL38	DATA STRUCTURES LABORATORY	4	3+3	RAGHURAM A S
18CPC39	CONSTITUTION OF INDIA , PROFESSIONAL ETHICS AND CYBER LAW	1	1	CHANDRASHEKAR C

III Semester B Sec:

Subject Code	Subject Title	University Alotted Hours	Total Hours Alloted	Faculty In-Charge
18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	4	4	MADHUSUDHAN K V
18CS32	DATA STRUCTURES AND APPLICATIONS	5	5	SOWMYA S
18CS33	ANALOG AND DIGITAL ELECTRONICS	3	4	KEERTHANA M M
18CS34	COMPUTER ORGANIZATION	3	4	PUTTEGOWDA D
18CS35	SOFTWARE ENGINEERING	3	4	IMPANA APPAJI
18CS36	DISCREET MATHEMATICAL STRUCTURES	3	4	RAGHURAM A S
18CSL37	ANALOG AND DIGITAL ELECTRONICS LABORATORY	3	3	KEERTHANA M M
18CSL38	DATA STRUCTURES LABORATORY	3	3	SOWMYA S
18CPC39	CONSTITUTION OF INDIA , PROFESSIONAL ETHICS AND CYBER LAW	1	1	CHANDRASHEKAR C

c. Faculty Individual Time Table handling Extra Tutorial Session

ATME College of Engineering

Department of Computer Science and Engineering

TIME TABLE FOR ODD SEMESTER - 2019-20

STAFF NAME:Keerthana M M

DAY	9.00 - 10.00	10.00 - 11.00	11:00-11:15	11.15-12.15	12:15-1:15	1:15 - 2:00	2:00-2:55	2:55-3:50	3:50-4:45
MON	ADE (3B)	CN LAB-A1				LUNCH BREAK	ADE LAB-A1	ATC (5A)	ADE LAB-A1
TUE	9.00-12.00 ADE LAB-B1				ATC (5A)			ATC (5A)	
WED	9.00-12.00 ADE LAB-A2			ADE (3B)					
THU	ADE (3B)								ADE (3B)
FRI				ATC (5A)			ADE LAB-B2		
SAT									

Curricular		Units	Co-curricular	Units
Lecture	8h*2units	16	Cultural committee and stage cordinator(1)	1
Lab	12h*1unit	12	Website Coordinators(1), Internal Assessment Assistant Coordinator(1)	2
Project	2G*2 units	4		
Total		32		3

Coordinator

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TIME TABLE FOR ODD SEMESTER - 2019-20

STAFF NAME:Raghuram A S

DAY	9.00 - 10.00	10.00 - 11.00	11:00-11:15	11.15-12.15	12:15-1:15	1:15 - 2:00	2:00-2:55	2:55-3:50	3:50-4:45
MON	ADE LAB-C1	003 DS (3A)	ADE LAB-C1		DMS (3B)	LUNCH BREAK	DS LAB-A2		
TUE				007 DS (3A)			DMS (3B)	DBMS LAB-B3	
WED	9.00-12.00 DS LAB-A1				001 DS (3A)				
THU				DMS (3B)					003 DS (3A)
FRI	DMS (3B)			002 DS (3A)			DS LAB-B1		
SAT									

Curricular		Units	Co-curricular	Units
Lecture	9h*2units	18	Dept. ERP Coordinator(1)	1
Lab	13h*1unit	13		
Project	2G*2 units	4		
Total		35		1

Coordinator

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Department of Computer Science and Engineering

TIME TABLE FOR ODD SEMESTER - 2019-20

STAFF NAME:Anil Kumar B H

DAY	9.00 - 10.00	10.00 - 11.00	11:00-11:15	11.15-12.15	12:15-1:15	1:15 - 2:00	2:00-2:55	2:55-3:50	3:50-4:45
MON	9.00-12.00 DBMS LAB-A2				DBMS (5A)	LUNCH BREAK			
TUE							DBMS (5A)		008 SE (3A)
WED		10.00-1.00 DBMS LAB-A3							
THU	9.00-12.00 DBMS LAB-A1				DBMS(5A)			003 SE (3A)	
FRI					002 SE (3A)		DBMS (5A)		006 SE (3A)
SAT									

Curricular		Units	Co-curricular	Units
Lecture	8h*2units	16	CISCO Training Coordinator(4)	4
Lab	9h*1unit	9	Placement Coordinator (2)	2
Project	2G*2 units	4		
Total		29		6

Coordinator

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TIME TABLE FOR ODD SEMESTER - 2019-20

STAFF NAME:Impana Appaji

DAY	9.00 - 10.00	10.00 - 11.00	11:00-11:15	11.15-12.15	12:15-1:15	1:15 - 2:00	2:00-2:55	2:55-3:50	3:50-4:45
MON		9.00-12.00 DS LAB-C2				LUNCH BREAK	SE (3B)		DS (3C)
TUE		DS (3C)			SE (3B)			SE (3B)	
WED	DS LAB-A1			DS (3C)					
THU		SE (3B)					DS LAB-C1		
FRI		DS (3C)					DS (3C)	WEB LAB-A1	
SAT									

Curricular		Units	Co-curricular	Units
Lecture	9h*2units	18	Time table Coordinator(1)	1
Lab	10h*1unit	10	Dept. ISO Coordinator(1)	1
Project	2G*2 units	4	Aptitude Training (1)	1
Total		32		3

Coordinator

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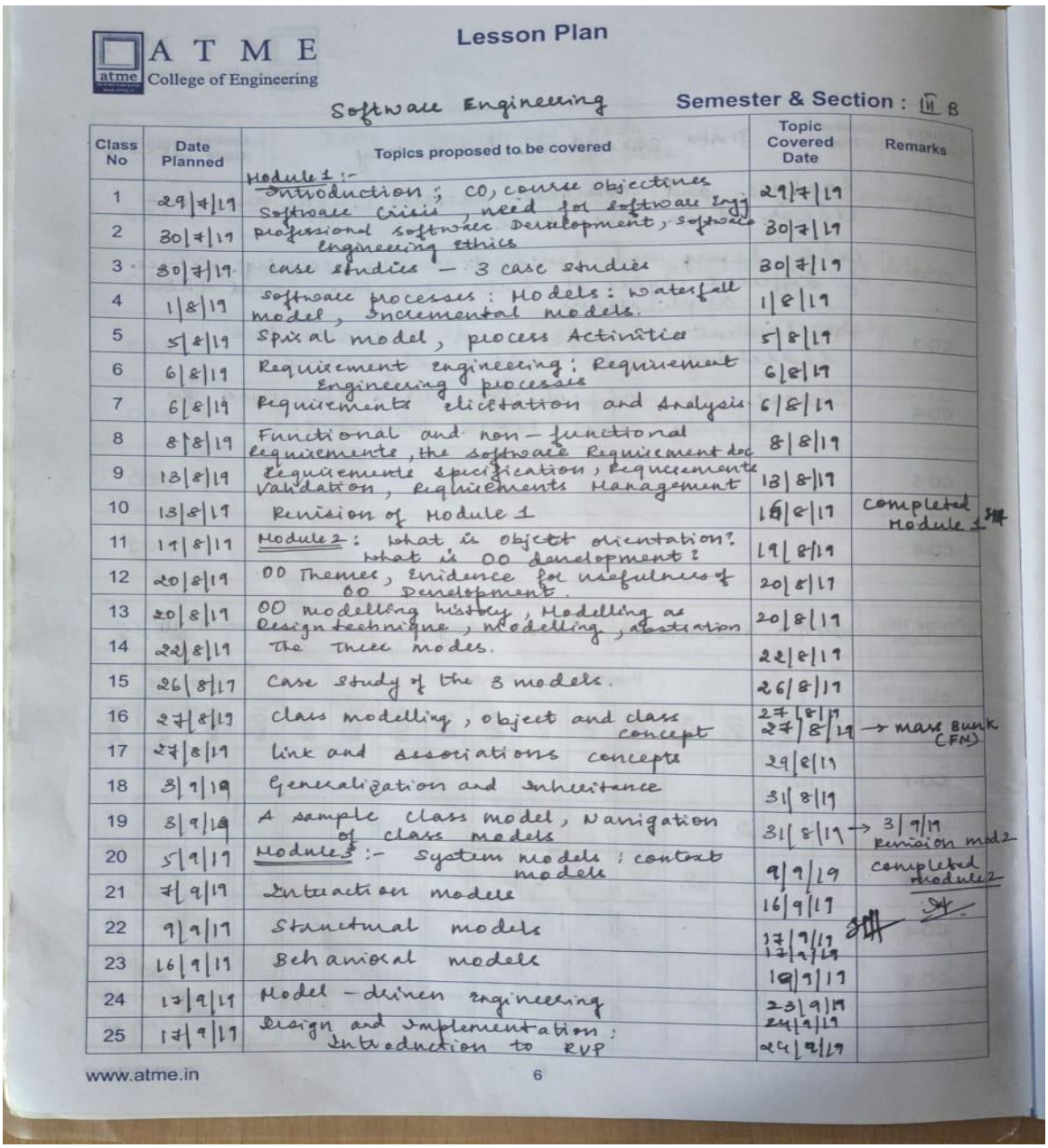
d. Sample Lesson Plan & Attendance Report

Faculty member: Mrs.Impana Appaji

Course:Software Engineering

Course Code:18CS35



ATME College of Engineering

Lesson Plan

Software Engineering — Semester & Section : IV B

Class No	Date Planned	Topics proposed to be covered	Topic Covered Date	Remarks
1	29/7/17	Module 1 :- Introduction ; CO, course objectives	29/7/17	
2	30/7/17	Software Crisis, need for software Engg Professional software Development, software Engineering ethics	30/7/17	
3	30/7/17	case studies – 3 case studies	30/7/17	
4	1/8/17	software processes : Models : Waterfall model, Incremental models.	1/8/17	
5	5/8/17	Spiral model, process Activities	5/8/17	
6	6/8/17	Requirement engineering ; Requirement Engineering processes	6/8/17	
7	6/8/17	Requirements elicitation and Analysis	6/8/17	
8	8/8/17	Functional and non – functional requirements, the software Requirement doc	8/8/17	
9	13/8/17	Requirement specification, Requirements Validation, Requirements Management	13/8/17	
10	13/8/17	Revision of Module 1	16/8/17	completed Module 1
11	17/8/17	Module 2 : What is object orientation? What is OO development?	19/8/17	
12	20/8/17	OO Themes, Evidence for usefulness of OO Development.	20/8/17	
13	20/8/17	OO modelling history, Modelling as Design technique, Modelling, abstraction	20/8/17	
14	22/8/17	The Three modes.	22/8/17	
15	26/8/17	Case study of the 3 models.	26/8/17	
16	27/8/17	class modelling, object and class concept	27/8/17 27/8/17	→ mass bunk (FN)
17	27/8/17	link and associations concepts	29/8/17	
18	3/9/17	Generalization and inheritance	31/8/17	
19	3/9/17	A sample class model, Navigation of class models	31/8/17	→ 3/9/17 Revision mod2
20	5/9/17	Module 3 :- System models : context models	9/9/17	completed Module 2
21	7/9/17	Interaction models	16/9/17	
22	9/9/17	Structural models	17/9/17	
23	16/9/17	Behavioral models	17/9/17 19/9/17	
24	17/9/17	Model – driven engineering	23/9/17	
25	17/9/17	Design and Implementation : Introduction to RUP	24/9/17 24/9/17	

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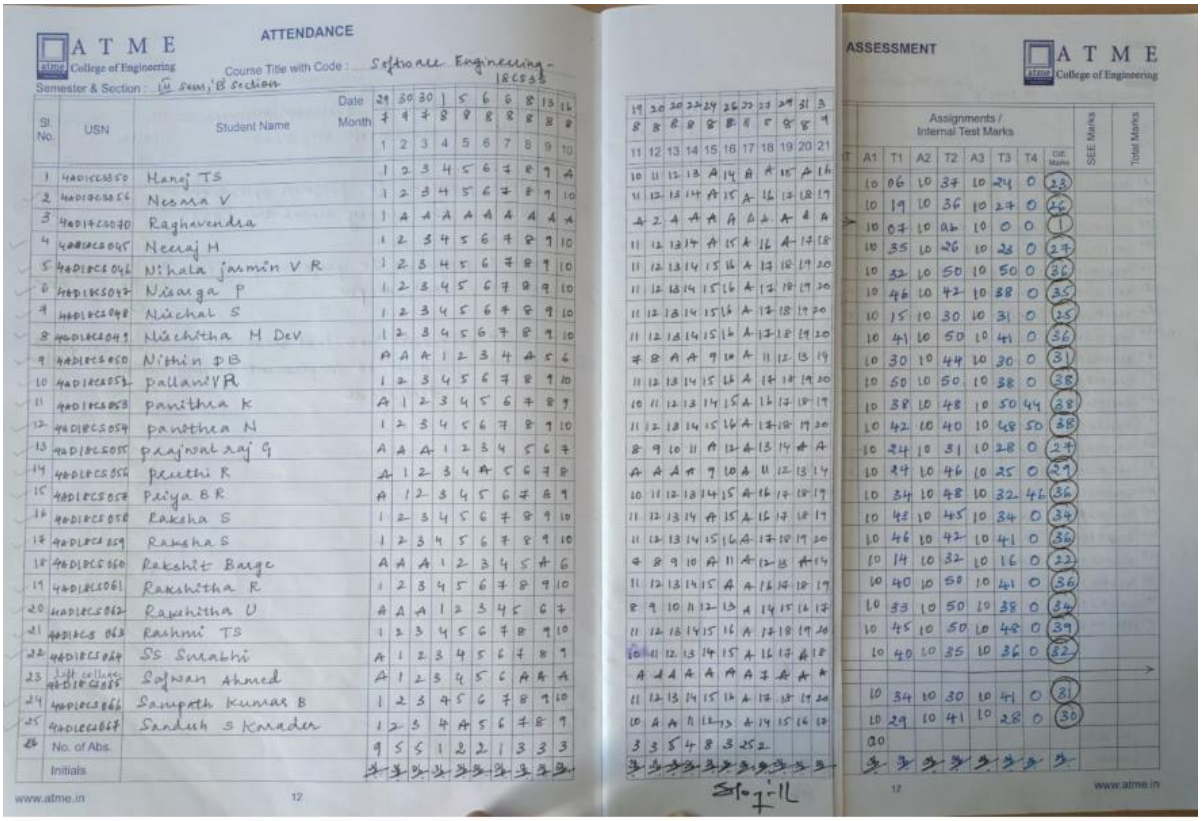
26	19/9/19	Design principles	26/9/19	
27	23/9/19	object oriented design using the UML	30/9/19	
28	24/9/19	Design patterns	1/10/19 4/10/19	
29	24/9/19	Implementation issues	10/10/19	
30	26/9/19	open source development	14/10/19	16/10/19 → Revision for 2nd IA
31	30/9/19	module 4 :- Software testing :- Development testing	15/10/19 17/10/19	Module 3 Completed
32	1/10/19	Test driven development	24/10/19	
33	1/10/19	Release testing	28/10/19	
34	10/10/19	user testing, Test automation	31/10/19	
35	14/10/19	Software evolution, evolution processes	4/11/19	
36	15/10/19	program evolution dynamics	5/11/19	
37	15/10/19	Software maintenance	5/11/19	
38	17/10/19	legacy system management	7/11/19	Completed module 4
39	24/10/19	Revision : QP discussion	11/11/19	
40	26/10/19	Module 5 :- project planning : software pricing	12/11/19	
41	26/10/19	plan driven development	12/11/19	
42	28/10/19	plan driven development	19/11/19	
43	4/11/19	project scheduling	18/11/19	
44	5/11/19	Estimation techniques	19/11/19	
45	7/11/19	Quality management : software quality.	19/11/19	
46	11/11/19	Reviews measurement and metrics	21/11/19	Completed module 5
47	12/11/19	Reviews and Inspections	21/11/19	
48	12/11/19	Software measurement and metrics	22/11/19	
49	14/11/19	Software standards	22/11/19	
50	18/11/19	Revision.		

Faculty Member Signature

HOD Signature


ATTENDANCE
ATME College of Engineering
Course Title with Code : Software Engineering - 18CS53
Semester & Section : V sem, 'B' section
Sl. No.
USN
Student Name
Date
Month
1 4AD15CS050 Hanoj TS
2 4AD15CS056 Nesara V
3 4AD17CS040 Raghavendra
4 4AD15CS045 Neeraj H
5 4AD15CS046 Nihala jamin V R
6 4AD15CS047 Nisarga P
7 4AD15CS048 Nischal S
8 4AD15CS049 Nischitha H Dev
9 4AD15CS050 Nithin DB
10 4AD15CS052 pallavi YR
11 4AD15CS053 panithra K
12 4AD15CS054 panthea N
13 4AD15CS055 prajwal raj G
14 4AD15CS056 preethi R
15 4AD15CS057 Priya BR
16 4AD15CS058 Raksha S
17 4AD15CS059 Ramesha S
18 4AD15CS060 Rakshit Barge
19 4AD15CS061 Rakshitha R
20 4AD15CS062 Rashmi U
21 4AD15CS063 Rashmi TS
22 4AD15CS064 SS Swathi
23 Left college 4AD15CS065 Safwan Ahmed
24 4AD15CS066 Sampath Kumar B
25 4AD15CS067 Sandesh S Karader
No. of Abs.
Initials
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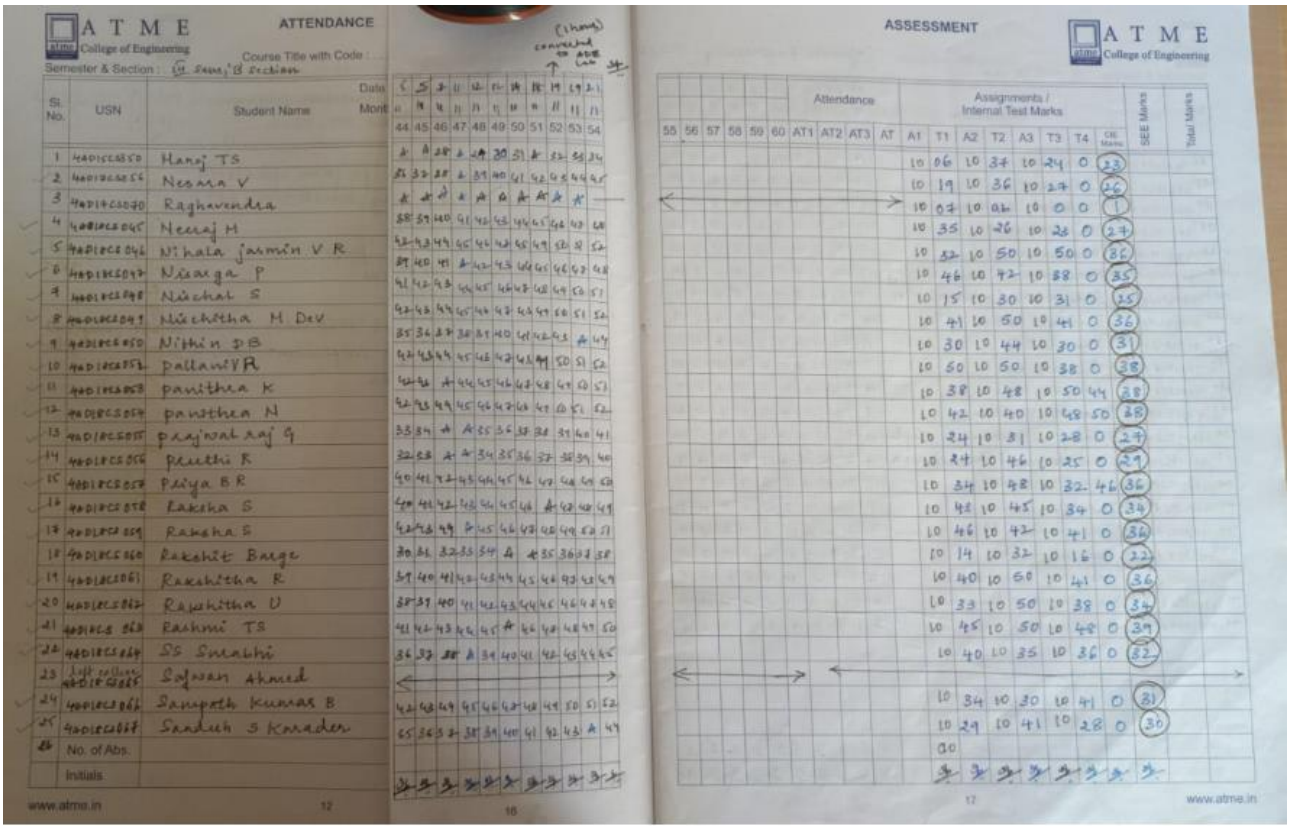
12
ASSESSMENT
ATME College of Engineering
Assignments / Internal Test Marks
A1 T1 A2 T2 A3 T3 T4 CIE Marks
SEE Marks
Total Marks
www.atme.in
17


ATTENDANCE
ATME College of Engineering
Course Title with Code :
Semester & Section : V sem, 'B' section
Sl. No.
USN
Student Name
Date
Month
1 4AD15CS050 Hanoj TS
2 4AD15CS056 Nesara V
3 4AD17CS040 Raghavendra
4 4AD15CS045 Neeraj H
5 4AD15CS046 Nihala jamin V R
6 4AD15CS047 Nisarga P
7 4AD15CS048 Nischal S
8 4AD15CS049 Nischitha H Dev
9 4AD15CS050 Nithin DB
10 4AD15CS052 pallavi YR
11 4AD15CS053 panithra K
12 4AD15CS054 panthea N
13 4AD15CS055 prajwal raj G
14 4AD15CS056 preethi R
15 4AD15CS057 Priya BR
16 4AD15CS058 Raksha S
17 4AD15CS059 Ramesha S
18 4AD15CS060 Rakshit Barge
19 4AD15CS061 Rakshitha R
20 4AD15CS062 Rashmi U
21 4AD15CS063 Rashmi TS
22 4AD15CS064 SS Swathi
23 Left college 4AD15CS065 Safwan Ahmed
24 4AD15CS066 Sampath Kumar B
25 4AD15CS067 Sandesh S Karader
No. of Abs.
Initials
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12
16
ASSESSMENT
ATME College of Engineering
Attendance
Assignments / Internal Test Marks
SEE Marks
Total Marks
www.atme.in
17

Aptitude Verbal & Reasoning Training

ATME College of 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

ATME College of 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	• Basic Mathematics • EnglishFundamentals	3	1	L-Lecture A-Assessment 4 x 4 =16 Hours/Semester
Objectives	1. To understand numbers systems and numbers series 2. To Explain different methods of HCF and LCM 3. To understand Pattern from figures, sequence coding and decoding 4. To explain General English and its parts of speech				
Course Outcomes	At the end of the course the student will be able to: 1. Analyse and solve numbers systems , numbers series and sequence 2. Analyse and enhance pace of problem solving. 3. Explain the general English vocabulary				

ATME College of 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	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: 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. Shreeshayana R
AVR Training Coordinator ,
Dept. of EEE, ATMECE, Mysuru

ATME College of 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=BgelwwsujJM
	Ms.Swapna H	Assistant Professor	HCF and LCM Problems on Numbers	Youtube	https://www.youtube.com/watch?v=Zn-0pCgvO4M
	Dr.Mahesh Lohith K S	Associate Professor & HoD	Number Series	Youtube	https://www.youtube.com/watch?v=HIXDtYBWfu4&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=GyX6tJ9IfVU
IV	Dr.Mahesh Lohith K S	Associate Professor & HoD	Syllogisms	Youtube	https://www.youtube.com/watch?v=ILlVJ1YpQ88&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

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	Mr.Kiran Kumar	Assistant Professor	Data Interpretation	Youtube	https://www.youtube.com/watch?v=Al6ZEF3f2Nw
	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		
Date Created	Active Participants	Total Participants
9/30/2019 4:13:04 PM	28	28
Average Score	Questions	
70.29%	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	82BF42	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	82BF6F	D	D	A	A	B	C	C	A	D	A	A	A	C	D	A	B	A	C	C	B	32.00	80.00%
4AD18EE030	YASEEN ULLA KHAN	82CE21	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	82B648	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	82BF58	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	82BE8C	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	82BAA8	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	82BE58	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	82E419	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	82BE18	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	82BFF1	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	82E7E6	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	82B6CF	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	82BF89	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	82BF75	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	82CE00	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	82B8CF	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	82BF25	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	82ADF0	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 I	82C5A2	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	82BFD7	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	82BAF8	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	82B8ED	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	82B6FB	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	82B63D	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	82B7D6	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	82B7F1	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	82BB24	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 Average			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

Fig: Training Process

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

Student Response System

Department of Computer Science & Engineering

Database Management System - 17CS53

Assignmenet-II

Name : AHALYA P

USN : 4AD17CS004

Submitted second assignment for Database Mangement System - 17CS53 on 10/31/2019 10:39:44.

Section-I

JDBC Connectivity and Commands

1.What is JDBC PreparedStatement?

JDBC PreparedStatement is a class in java.sql.package and allows the programmer to execute the same statement or similar databases repeatdely with high efficiency.
example: insert into emp values("? ? ?");

Session Name
Current Session

Date Created	Active Part	Total Participants
9-25-2019 2:59:16 PM	30	30

Average Score	Questions
71.17%	20

Results Detail

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%
E2C031	D	C	B	A	A	C	A	C	D	C	A	B	C	D	A	B	B	C	C	A	22.00	55.00%
E2D3E8	D	C	A	A	B	C	C	A	D	C	C	C	C	D	A	B	B	C	B	B	32.00	80.00%
E3482D	D	D	B	D	B	C	-	A	D	C	C	B	C	D	A	B	B	C	D	B	30.00	75.00%
E2D4C8	D	C	A	A	B	C	A	A	D	C	B	D	C	D	A	B	B	C	C	B	30.00	75.00%
E2D4C7	D	D	B	D	B	C	A	A	D	C	C	A	C	D	A	B	A	C	D	B	30.00	75.00%
E34808	D	D	A	B	A	C	C	A	D	C	A	A	C	D	A	B	B	C	D	B	34.00	85.00%
E3492E	D	A	B	A	A	C	C	D	D	A	A	A	C	D	A	B	B	C	D	B	28.00	70.00%
E2C00C	D	A	A	A	A	C	C	D	D	A	A	A	C	D	A	B	B	C	D	B	30.00	75.00%
E366A6	D	C	A	A	B	C	C	C	D	C	A	A	C	D	A	B	B	C	B	B	32.00	80.00%

Results Detail

Student Assessment using ICT Tools

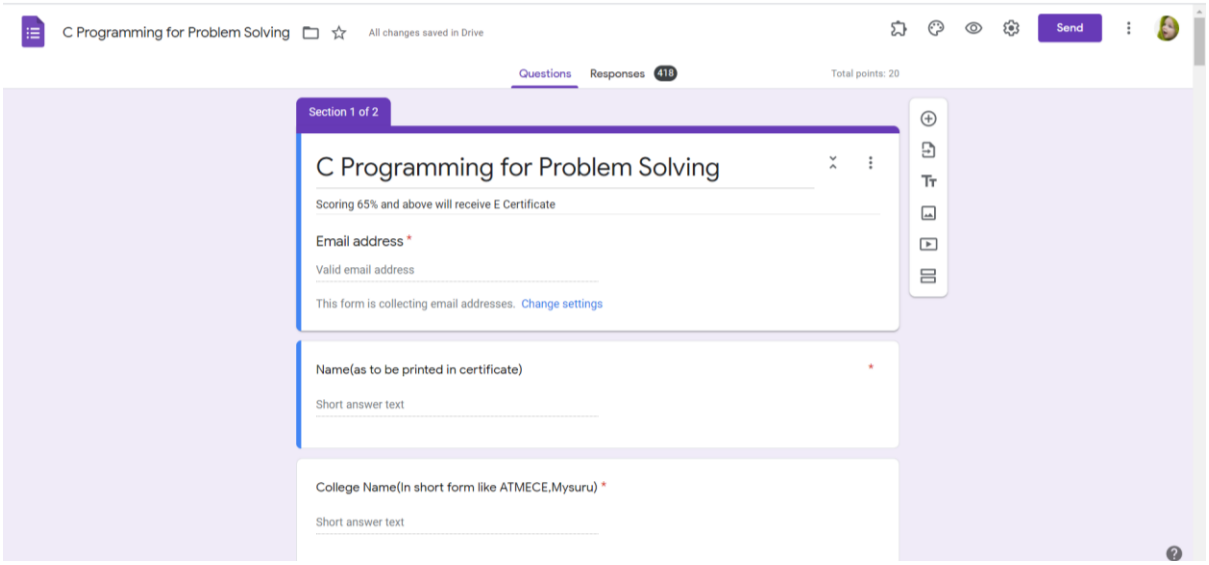
Google Forms

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.

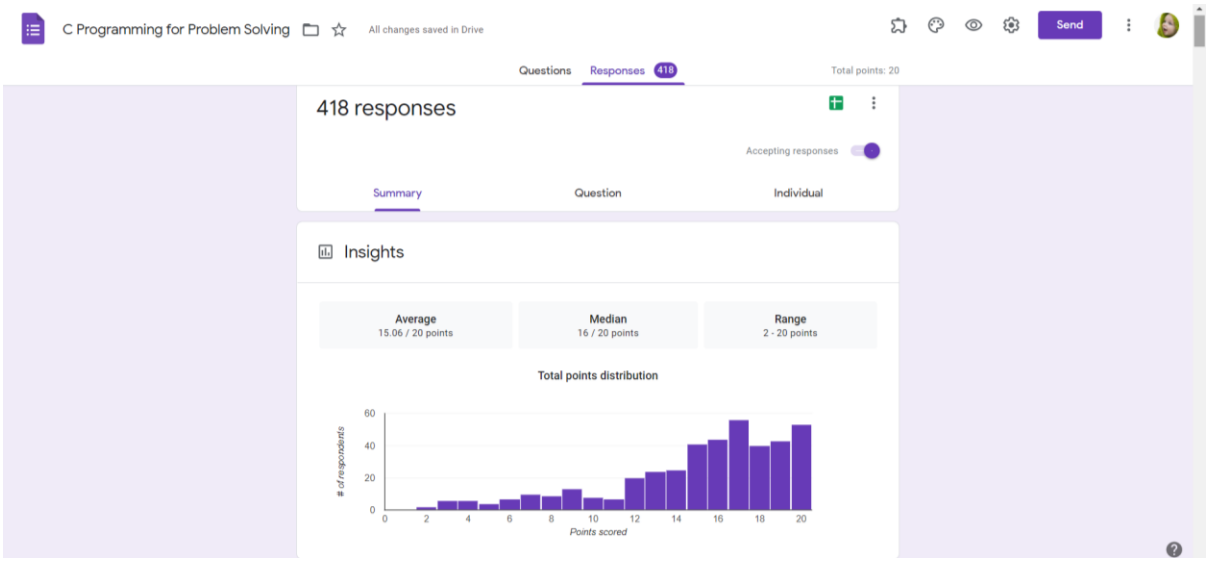
Forms features all of the collaboration and sharing features found in Docs, Sheets, and Slides.

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: 3o June 2020
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.

ATME College of Engineering
13th Kilometre, Mysore - Kanakapura - Bangalore Road. Mysore - 570 028
Department of Computer Science and Engineering

Certificate

Certificate ID: KFSEAE-CE000332

This is to certify that **Adarsh K V** of **DSCE, Bangalore**

successfully completed quiz on **"C Programming for Problem Solving"**, with score **80%** on **7/1/2020**.

organized by Department of Computer Science and Engineering, ATMECE, Mysuru.

Kavyashree E D
Asst. Prof.
Coordinator

Dr. Puttegowda D
Prof & HoD
Dept. of CSE

Dr L Basavaraj
Principal
ATMECE

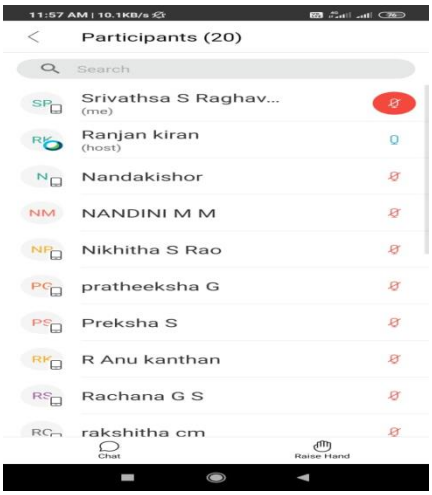
All exams and records live in your Google account.

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.



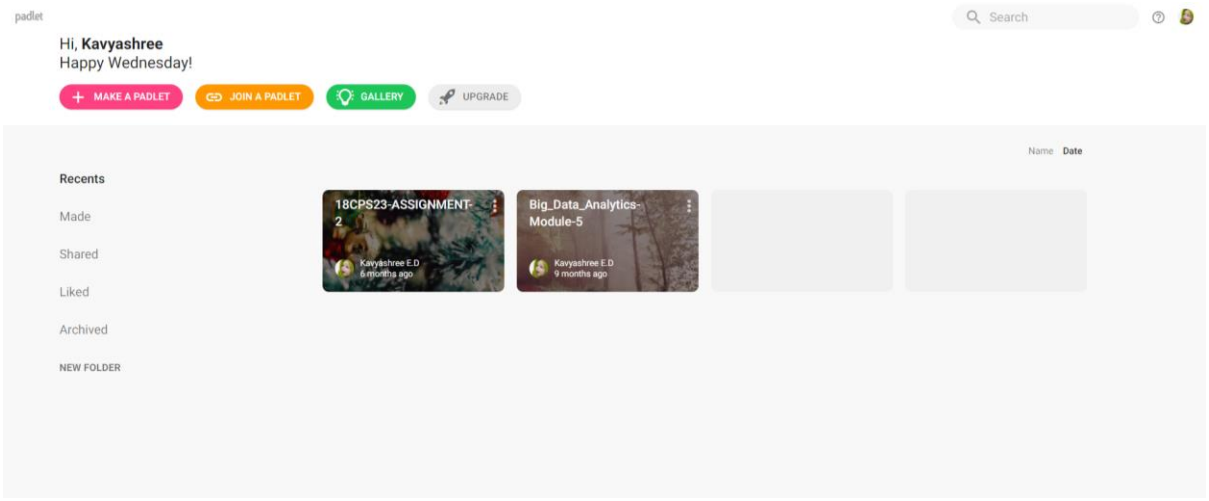
Faculty Name: Mr Kiran B
Subject Name: Cryptography, Network Security & Cyber Law
Date of Post: 19th March 2020

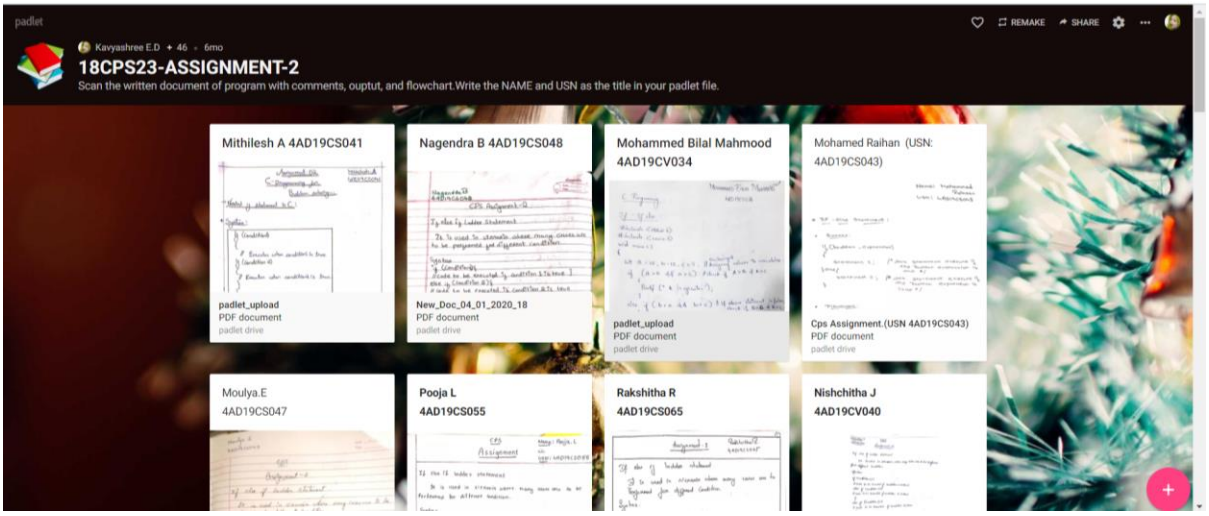
Padlet

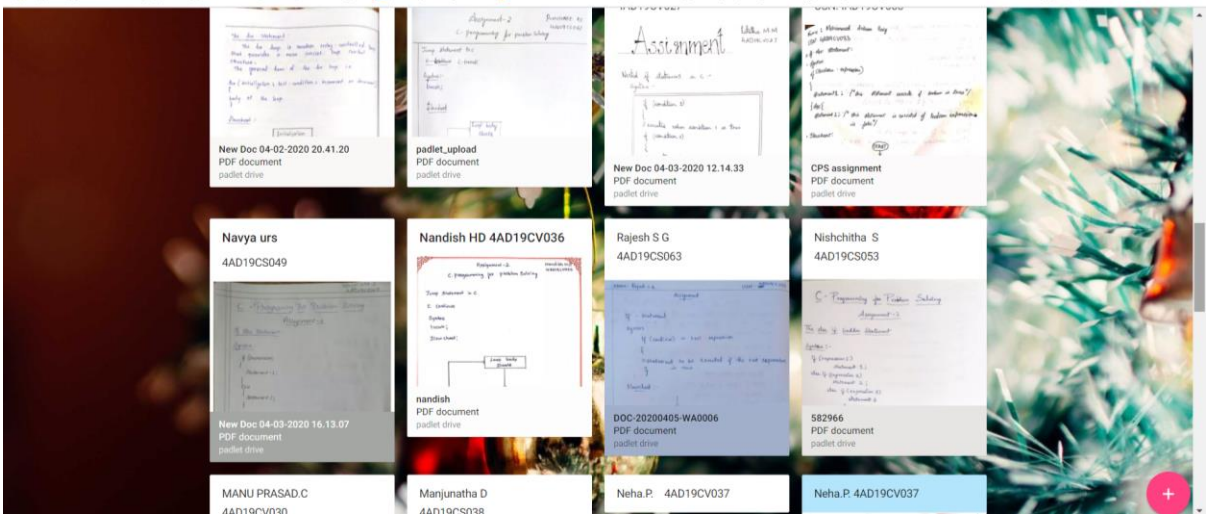
Padlet is an application to create an online bulletin board that you can **use to** display information for any topic. Easily create an account and build a new board. You can add images, links, videos, columns for sorting or refining organization, and more.

Link for padlet: https://padlet.com/kavyashreeed/vlc9rzl1awpi

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





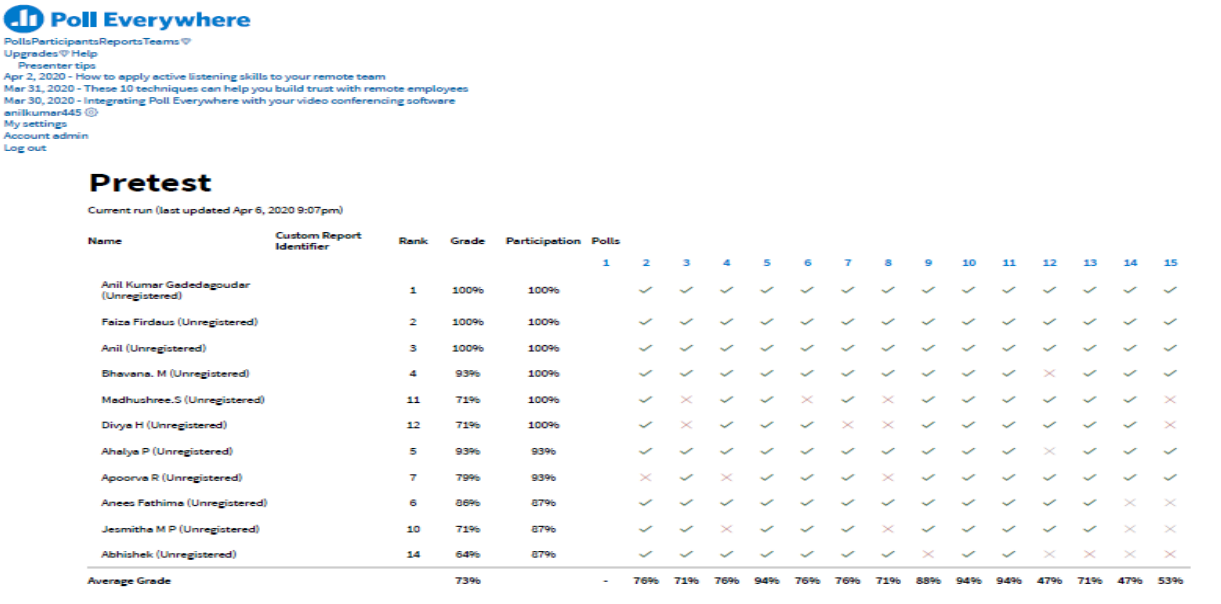


[Padlet Report on Assignment]

Poll Everywhere

Poll Everywhere is the easiest way to gather live responses in any venue, conferences, concerts, classrooms, and company off-sites anywhere with internet.We can engage your audience or class in real time

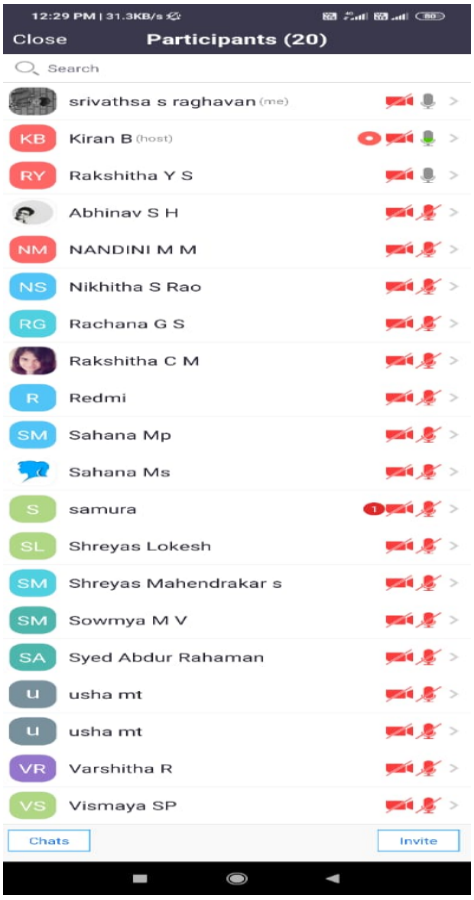
Poll Everywhere transforms one-sided presentations into two-way conversations with the audience. This web-based audience response system lets you embed interactive activities directly into your presentation. The audience responds on the web or via SMS texting on their phones.



Department of Computer Science and Engineering

CISCO Webex

Webex Meetings



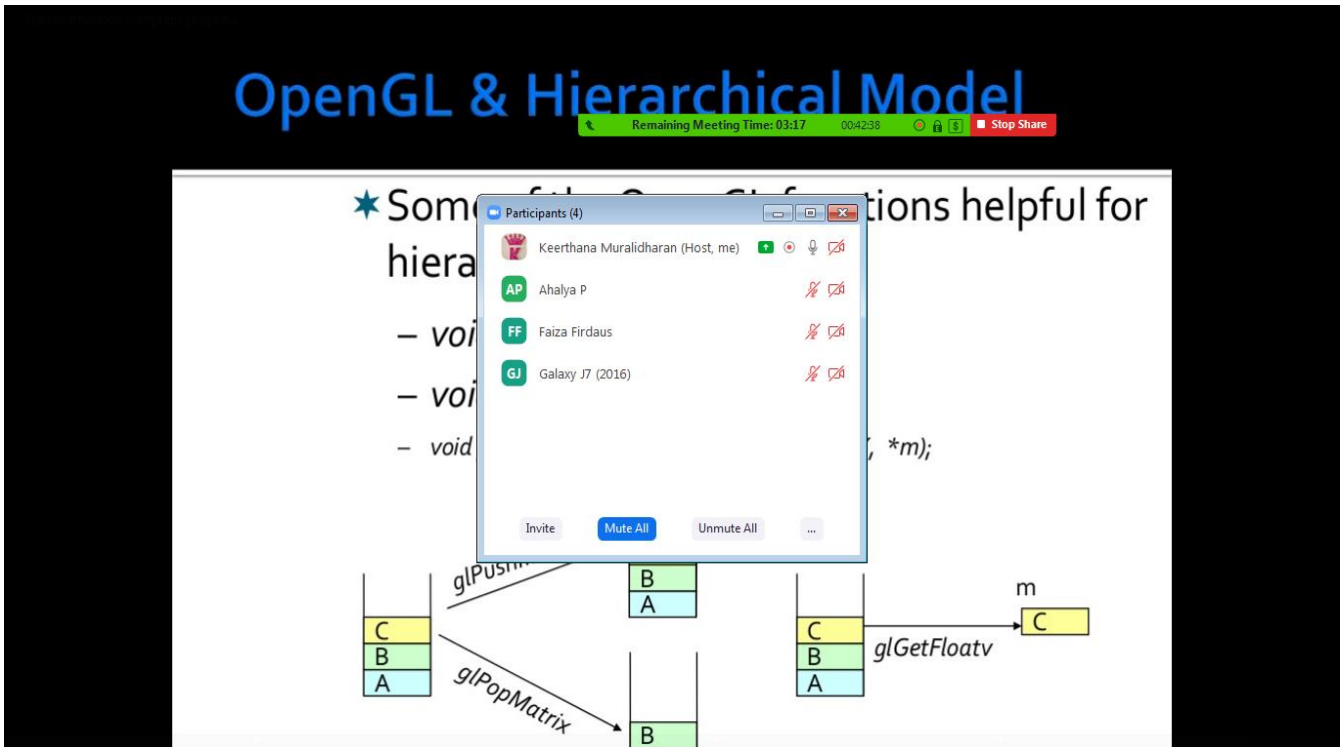
WebEx is a set of tools designed for personal and corporate collaboration. It's **used to** connect to others, typically through the internet, and allows you to communicate with audio, video, text chat, file sharing, whiteboard and other features.A **Webex** meeting is an online meeting that allows you 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

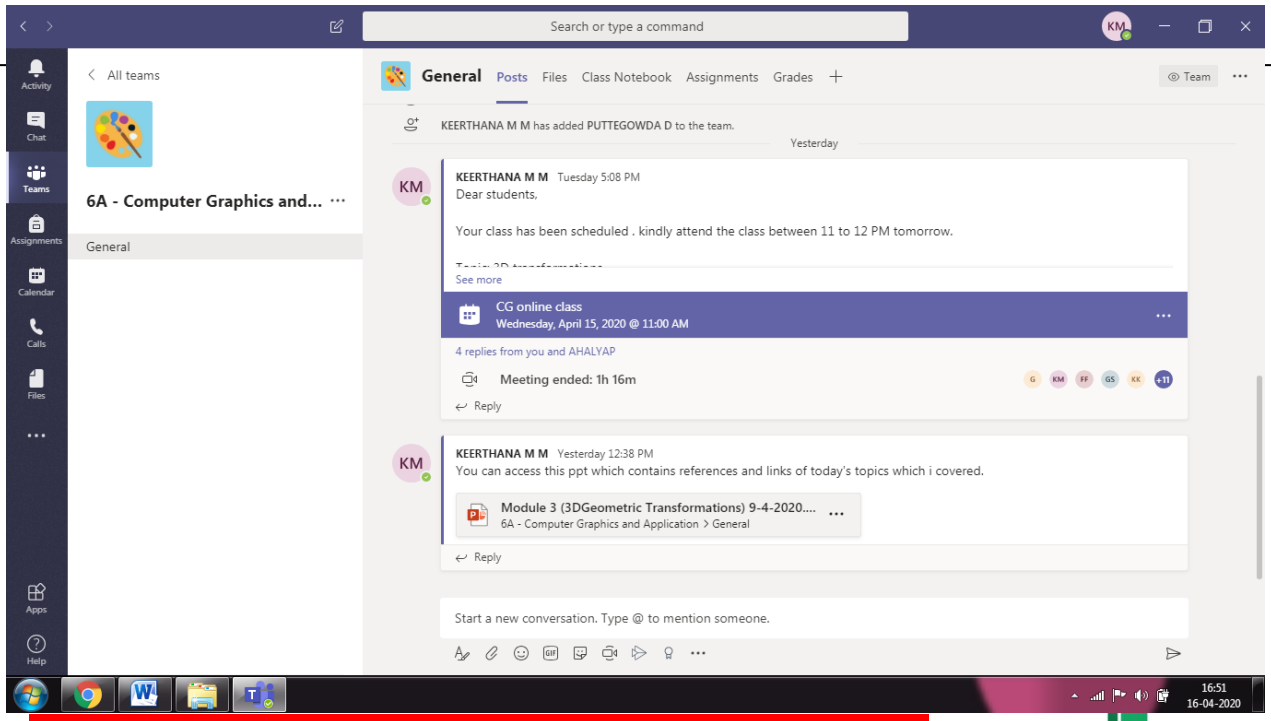
Zoom

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.



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.



11. Google sites

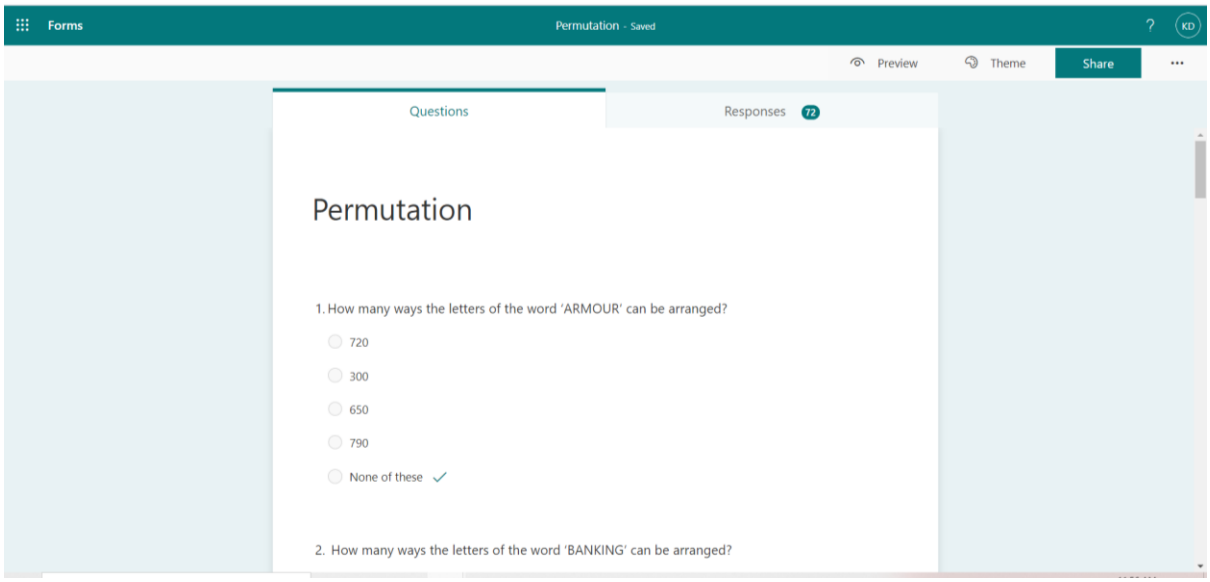
Sites

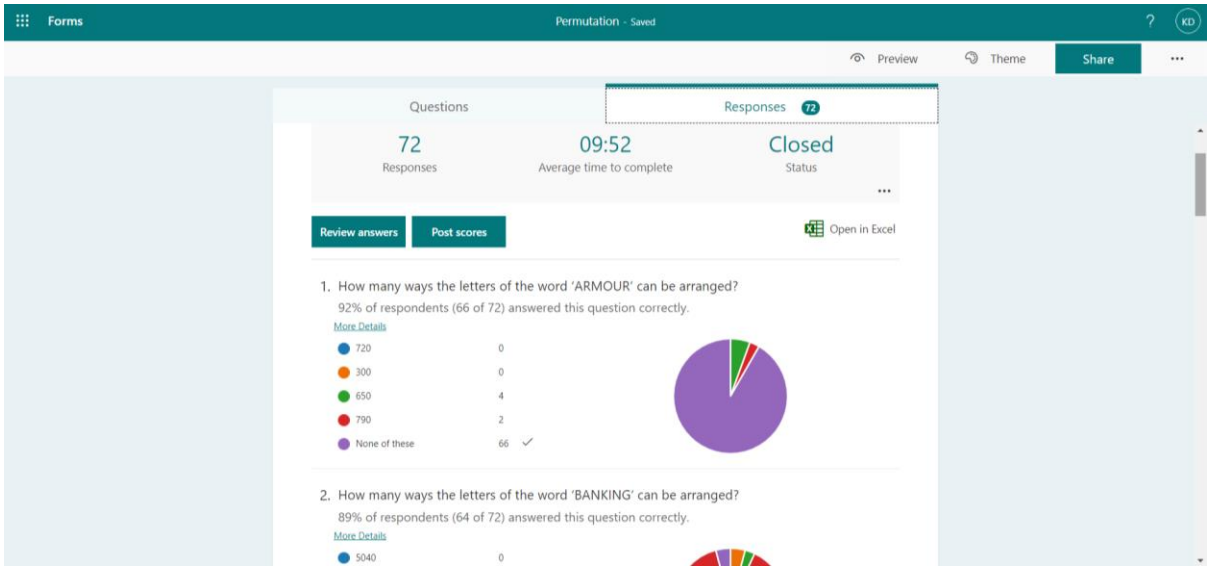
Google Sites is a structured wiki- and Web page-creation tool offered by Google. The declared goal of Google Sites is for anyone to be able to create simple web sites that support collaboration between different editors.

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_oUGePrbRlBkr_-bbDk-N6lFDuitMS3OuYd9UN1BGODQ2SzdOQ1hDSU9LSzUyWDhVM0hKSC4u



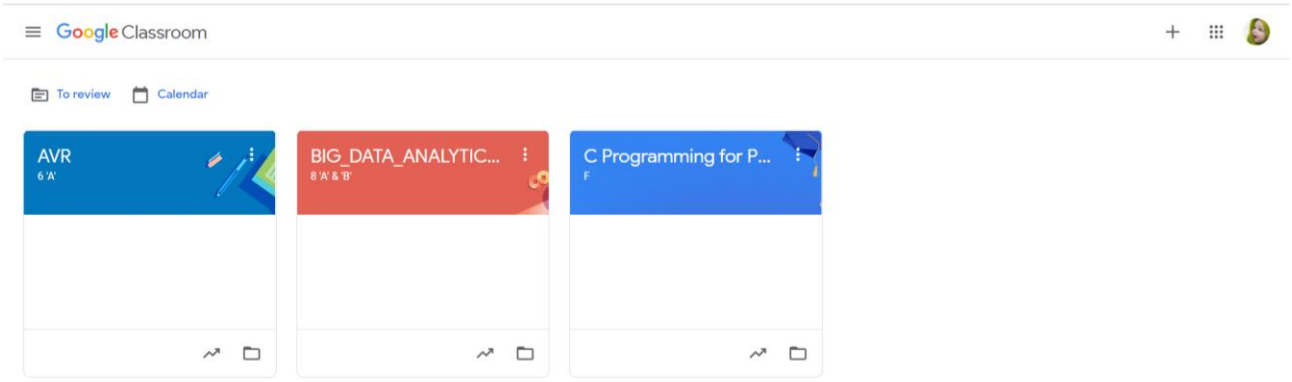


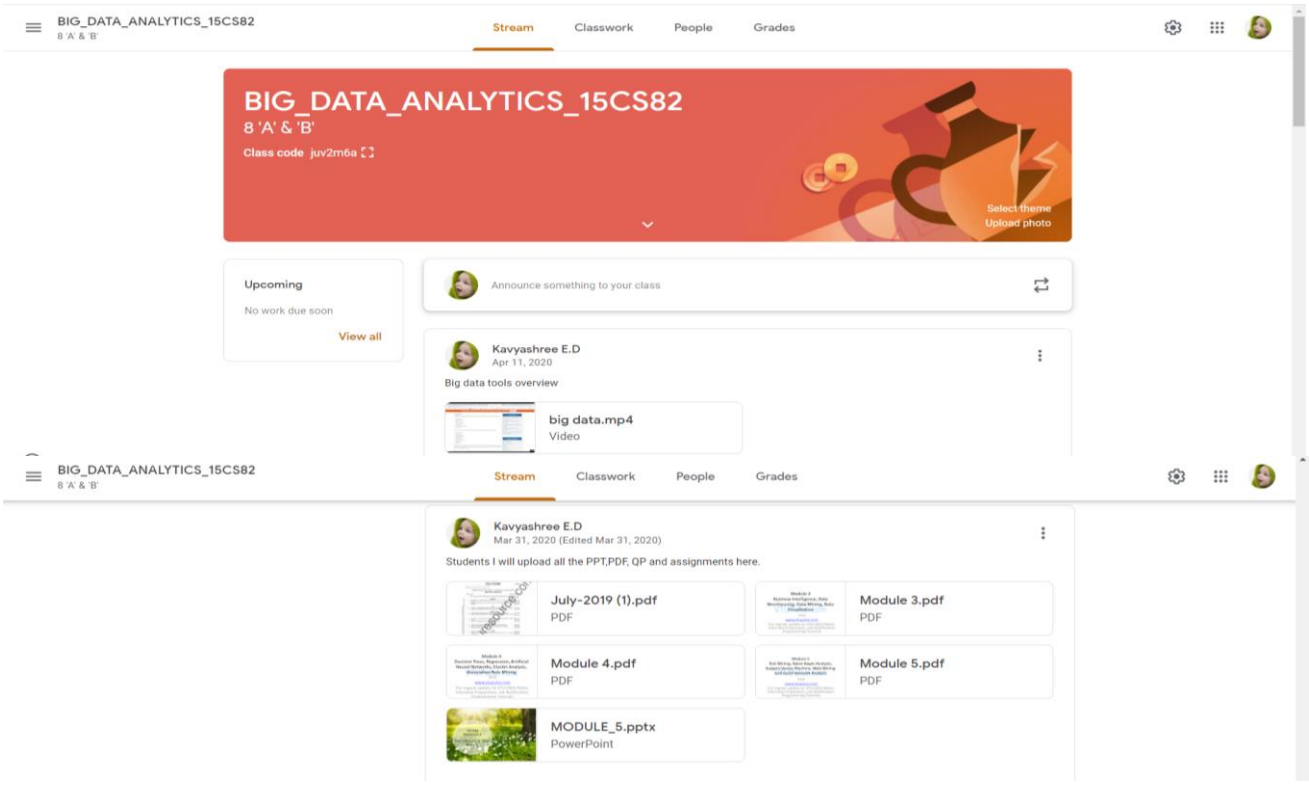
Permutation Report

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.

Faculty Name: Mrs Kavyashree E D
Sem: VIII
Subject: "Big Data for Analytics"
Link for google classroom login: https://classroom.google.com/c/NTgxMjIxMjY3MjRa



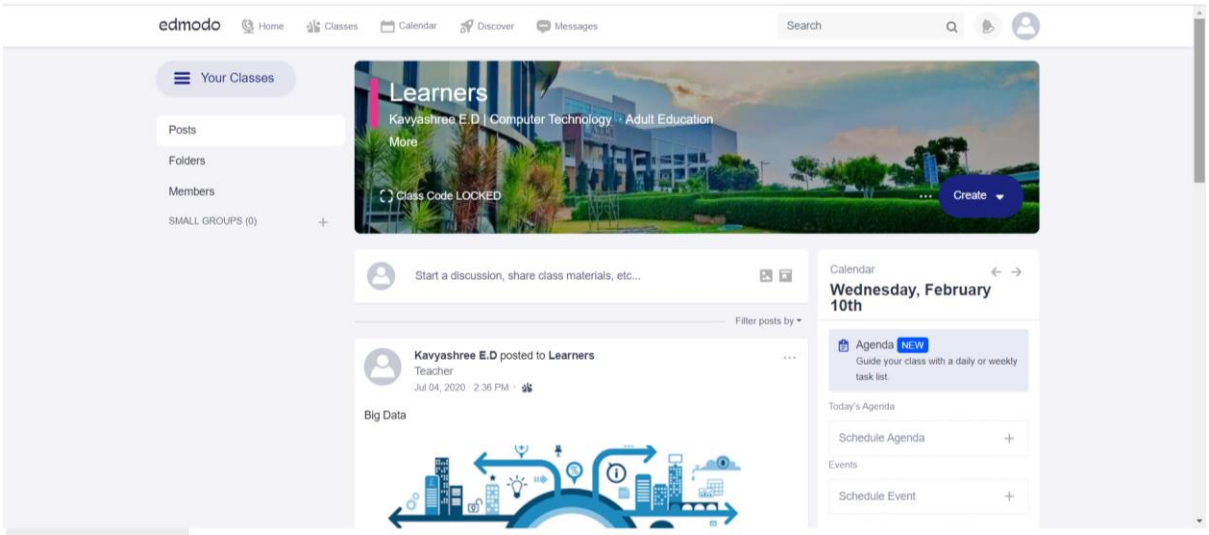


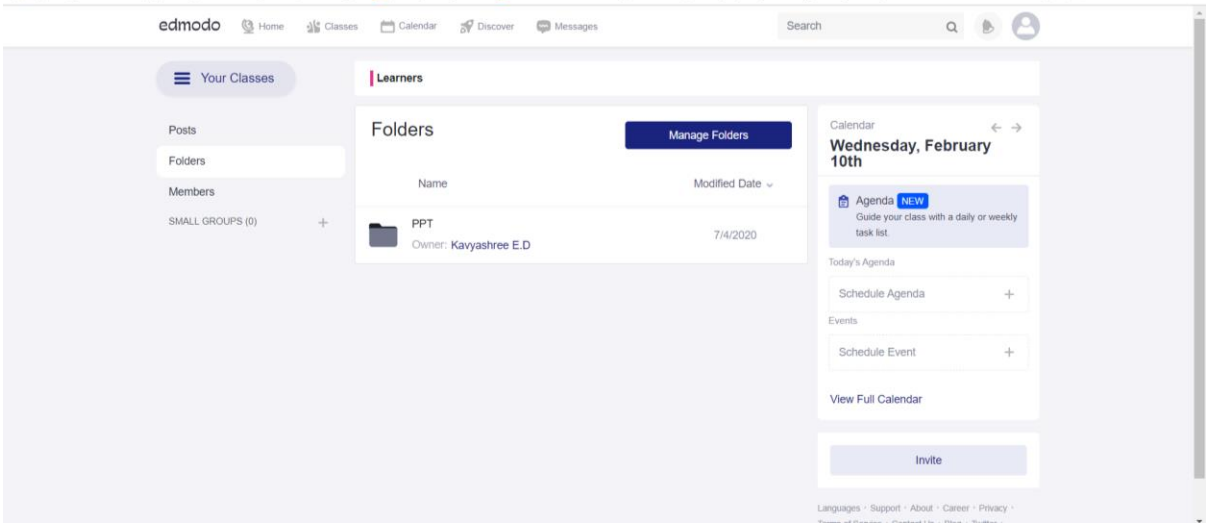
Edmodo

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





Department of Computer Science and Engineering

Classflow

ClassFlow is a collaborative and cloud-based lesson delivery software for any remote or hybrid teaching environment.

Faculty Name: Mr Anil Kumar B H
Sem : V
Subject: Database Management System
Date of Post: Nov 1 2020

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: 2019-2020

Sl.No	Student Name	Company
1	Chethan M H	Automotive Axel Limited Mysore
2	Mukthesh A	Automotive Axel Limited Mysore
3	Rakshith T P	Automotive Axel Limited Mysore
4	Sachin B P	Automotive Axel Limited Mysore
5	Abhishek S N	BEML Ltd
6	Akash Negi Singh	BEML Ltd
7	Navaneeth A	BEML Ltd
8	Vinod Kumar H R	BEML Ltd
9	Naveen M Kumar	Bhoruka Extrusions Pvt. Ltd.
10	Manoj S	Brakes India Pvt. Ltd.
11	Fahad P M	Contriver Mysore-Nanjangudu
12	Mohammed Ali Suhaib	Contriver Mysore-Nanjangudu
13	Ayman Khan Ali	Deco Equipment Private Limited
14	Fawaad Ahmed Urmaan	Deco Equipment Private Limited
15	Mohammed Ahmed Musavir	Deco Equipment Private Limited
16	Mohammed Zaid	Deco Equipment Private Limited
17	Chethan A R	Government Tool Room and Training Center,Mysuru
18	Prajwal Kumar M	Government Tool Room and Training Center,Mysuru
19	Pavan S Kumar	Government Tool Room and Training Center,Mysuru
20	Thrivenu S M	Government Tool Room and Training Center,Mysuru
21	Suraj Chandra Kumar	Government Tool Room and Training Center,Mysuru
22	Amruth Kumar C	Government Tool Room and Training Center,Mysuru
23	Chethan S N	Government Tool Room and Training Center,Mysuru
24	Vinod M	Government Tool Room and Training Center,Mysuru
25	Honnesha C	Government Tool Room and Training Center,Mysuru
26	Lokesha S H	Government Tool Room and Training Center,Mysuru

27	Gautham M C	Government Tool Room and Training Center,Mysuru
28	Pramod D	Government Tool Room and Training Center,Mysuru
29	Ravi C S	Government Tool Room and Training Center,Mysuru
30	Abutalha S	Government Tool Room and Training Center,Mysuru
31	Mohammed Rabi Ur Rehman	Government Tool Room and Training Center,Mysuru
32	Sanjay K	Government Tool Room and Training Center,Mysuru
33	Rakshith P	Government Tool Room and Training Center,Mysuru
34	Gowtham B	Hindustan Spring Manufacturing Process
35	Mohammed A Usman	Hindustan Spring Manufacturing Process
36	Chiranjeevi N	Hindustan Spring Manufacturing Process
37	Mohamed Faisal A	Hindustan Spring Manufacturing Process
38	Manohar S P	I.T. Champs Software Pvt. Ltd.
39	Rakesh V S	JK Tyre & Industries Ltd
40	Punith N	JK Tyre & Industries Ltd
41	Hemanthakumar N	Mysuru Dist. Co-Operative Milk Procedure's Societies Ltd.
42	Sunil Kumar P M	Mysuru Dist. Co-Operative Milk Procedure's Societies Ltd.
43	Suranjan M	Mysuru Dist. Co-Operative Milk Procedure's Societies Ltd.
44	Sunil S R	Mysuru Dist. Co-Operative Milk Procedure's Societies Ltd.
45	Manoj R	Mysuru Dist. Co-Operative Milk Procedure's Societies Ltd.
46	Mallikarjuna P	Rane(Madras) Limited
47	Sujith S	Rane(Madras) Limited
48	Stanley Almo Suresh	Rane(Madras) Limited
49	Santhosh S	Rane(Madras) Limited
50	Mayur Krishna K	Rane(Madras) Limited
51	Mithin R T	Rane(Madras) Limited
52	K Abhishek	Rane(Madras) Limited
53	Andrew Anthony Mikhil	Rane(Madras) Limited
54	Ashwin H N	Rane(Madras) Limited
55	Manish Srinath	Rane(Madras) Limited
56	Sefin Sebastian	Rane(Madras) Limited
57	Manjunath N M	Rane(Madras) Limited

58	Vijay H Kumar	Rane(Madras) Limited
59	Abhishekgowda S B	Rane(Madras) Limited
60	Krishna Prasad S G	Rane(Madras) Limited
61	Tejaswini N B	Rane(Madras) Limited
62	Lavanya V	Rane(Madras) Limited
63	Rakshitha M H	Rane(Madras) Limited
64	Ramya N	Rane(Madras) Limited
65	Mallesha S	Rane(Madras) Limited
66	Sharathkumar G	Rane(Madras) Limited
67	Dhanush K	Rane(Madras) Limited
68	Adithya Bharadwaj	Rane(Madras) Limited
69	Swetha N B	Rane(Madras) Limited
70	Praveen R	Read & Taylor
71	Raveesha N U	Shree Bhagavan Industries
72	Jeevan L V	South Western Railway
73	K R Pavankumar	South Western Railway
74	Gopinath U	South Western Railway
75	Krishna Prasad Bhat G	South Western Railway
76	Manoj J	South Western Railway
77	Hemanth Adarsh	Sri Sai Industry Mysore
78	Siddesh S	Triveni Engineering & Industrial Ltd.
79	Shreyas N S	Triveni Engineering & Industrial Ltd.
80	Mohammed Shuaib Khan	Universal Automobile & Dairy Products
81	Shahbaz Pasha	Universal Automobile & Dairy Products
82	Abhishek M T	Universal Automobile & Dairy Products
83	Usman Ahmed	Universal Automobile & Dairy Products
84	Vinay B N	Varpas Technology Mysore

HOD

b. Sample Internship Certificates

USN	NAME
4AD16ME065	Rakshith T P

AUTOMOTIVE AXLES LIMITED

CERTIFICATE 18.09.2019

This is to certify that ***Mr.Rakshith TP (USN: 4AD16ME065)*** *student from* ***ATME*** *College of Engineering has successfully completed his Internship at* ***Automotive Axles*** *Limited, Mysuru for the period of 05.08.2019 to 04.09.2019.*

We wish success in his future Endeavors.

For Automotive Axles Limited

Dhanashekar K
Sr. Manager –HR & IR

Regd. Office & Mysuru Unit :
Hootagalli Industrial Area, Off Hunsur Road, Mysuru - 570 018, Karnataka, India.
Telephone : 91 - 821 - 719 7500, Fax : 91 - 821 - 248 2451
Email : info@autoaxle.com, Website : www.autoaxle.com
CIN : L51909KA1981PLC004198
ISO 9001 : 2015 / IATF 16949 : 2016, EMS ISO 14001 : 2015 & BS OHSAS 18001 : 2007

KALYANI MERITOR

USN	NAME
4AD17ME427	Navaneeth Indurkar A

बी ई एम एल लिमिटेड
BEML LIMITED
(मिनि रत्न कंपनी, भारत सरकार, रक्षा मंत्रालय के अधीन)
(A Govt. of India Mini Ratna Company under Ministry of Defence)
मैसूरु कॉम्प्लेक्स / Mysuru Complex
(CIN : L35202KA1964GOI001530)

Corporate Office :
"BEML Soudha",
23/1, 4th Main Road, S.R. Nagar,
Bangalore - 560 027, INDIA
Tel. : 080-22963340/200
E-mail : office@pr.beml.co.in

Manufacturing Units :
Bangalore Complex
Tel. : 080-25242414
e-mail : ruffice@beml.co.in
KGF Complex
Tel. : 08153-263777
e-mail : e@beml.co.in
Mysuru Complex
Tel. : 0821-2402422
e-mail : edl@beml.co.in
Palakkad Complex
Tel. : 0491-2565000/230
e-mail : p@beml.co.in

International Business Division
Tel. : +91-80-2296 3229 / 3238
e-mail: office@export.beml.co.in
Aerospace Division
Tel. : +91-80-2296 3506 & 528 / 575
e-mail: edd@beml.co.in
Regional Offices :
Bangalore
Tel. : +91-80-2296 3500 to 595
e-mail : rep@beml.co.in
Bilaspur
Tel. : 07752-252745
e-mail : bilaspur@rm.beml.co.in
Chennai
Tel. : 044-28220344
e-mail : chennai@rm.beml.co.in
Dhanbad
Tel. : 0326-2222 385
e-mail : dhanbad@rm.beml.co.in
Hyderabad
Tel. : 040-2322 7032
e-mail : hyderabad@rm.beml.co.in
Kolkata
Tel. : 033-2401 5286
e-mail : kolkata@rm.beml.co.in
Mumbai
Tel. : 022-23781457
e-mail : mumbai@rm.beml.co.in
Nagpur
Tel. : 0712-2248 435
e-mail : nagpur@rm.beml.co.in
New Delhi
Tel. : 011-2331 6500
e-mail : delhi@rm.beml.co.in
Ranchi
Tel. : 0651-2540 710
e-mail : ranchi@rm.beml.co.in
Sambalpur
Tel. : 0663-252 1804
e-mail : sambalpur@rm.beml.co.in
Singrauli
Tel. : 07805-268260 / 266668
e-mail : singrauli@rm.beml.co.in
BEML Service Centres :
Bilaspur
Tel. : 07752-252 598
e-mail : mvc@rm.beml.co.in
Hyderabad
Tel. : 040-2724 0973
e-mail : sh@zonal.beml.co.in
Kolkata
Tel. : 033-2401 0782
e-mail : mos@rm.beml.co.in
New Delhi
Tel. : 011-2215 8655
e-mail : mse@rm.beml.co.in
Singrauli
Tel. : 07805-266 334
e-mail : msg@rm.beml.co.in

Ref: TKT/137(C)/2019 Date: 07.08.2019

To Whomsoever It May Concern

Internship Certificate

This is to certify that Mr. NAVANEETH INDURKAR A bearing **USN:4AD17ME427** *a student of Bachelor of Engineering in* ***Mechanical Engg.*** *stream from* ***ATME College of Engineering, Mysore,*** *has successfully undergone Internship programme at our Organization w.e.f.* ***08.07.2019*** *to* ***07.08.2019.*** *During his stay at BEML Limited, his Character and Conduct was found Good .*

We wish Mr. NAVANEETH INDURKAR A, ***ALL THE BEST*** *in his future Endeavours.*

for BEML LIMITED

R BRAHMACHARY
Asst. General .Manager [Training]

आर. ब्रह्मचारी
R. BRAHMA CHARY
सहायक महा प्रबंधक, प्रशिक्षण केंद्र
Asst. Gen. Manager, Training Centre
भेमल लिमिटेड, मैसूर कॉम्प्लेक्स
BEML LIMITED, MYSORE COMPLEX
बेलवाडि पोस्ट, मैसूरु-570 018
Belavadi Post, MYSURU-570 018

मैसूरु कॉम्प्लेक्स, बेलवाडी पोस्ट, मैसूरु – 570 018, कर्नाटक, भारत
Mysuru Complex, Belavadi Post, Mysuru-570 018, Karnataka, India
दूरभाष Phone : 0821-2402422 फ़ैक्स Fax: 0821-2402434
ई-मेल Email : HR - tk@beml.co.in, Purchase - ym@beml.co.in, Finance - at@beml.co.in
वेबसाईट Website : www.bemlindia.com

USN	NAME
4AD16ME042	Mohammed Musavir Ahmed

DECO EQUIPMENTS PRIVATE LIMITED

Office & Works : B-147, Hebbal Industrial Estate, Metagalli, Mysore - 570 016
Karnataka, India Tel : 0821-2514793, 2514680, Fax : 0821-2412285
Grams : DECOFAB E-mail : md@decoepl.com Website :www.decoepl.com
AN ISO - 9001-2008 COMPANY

ISO 9001 : 2008

Ref: DEPL/GEN/116

Date: 05.08.2019

CERTIFICATE (INTERNSHIP)

This is to certify that, **Mr. Mohammed Musavir Ahmed** bearing reg no 4AD16ME042, **6th Semester B.E. Mechanical** students of **A T M E College of Engineering,** Mysore 570028.

Has successfully completed the **Internship** at **Deco Equipments Pvt Ltd., Mysuru** during the period of **04th of July 2019 to 05th of Aug 2019,** at afore mentioned company under the guidance of undersigned.

During his stay with us for the above period we found him efficient, his character and conduct were good.

We wish success for his future endeavors.

Thanking you,

For Deco Equipments Pvt. Ltd

DECO EQUIPMENTS PVT LTD MYSORE 05/08/19

SANTHOSH LEWIS
Asst Admin Manager &
Public Relation Officer

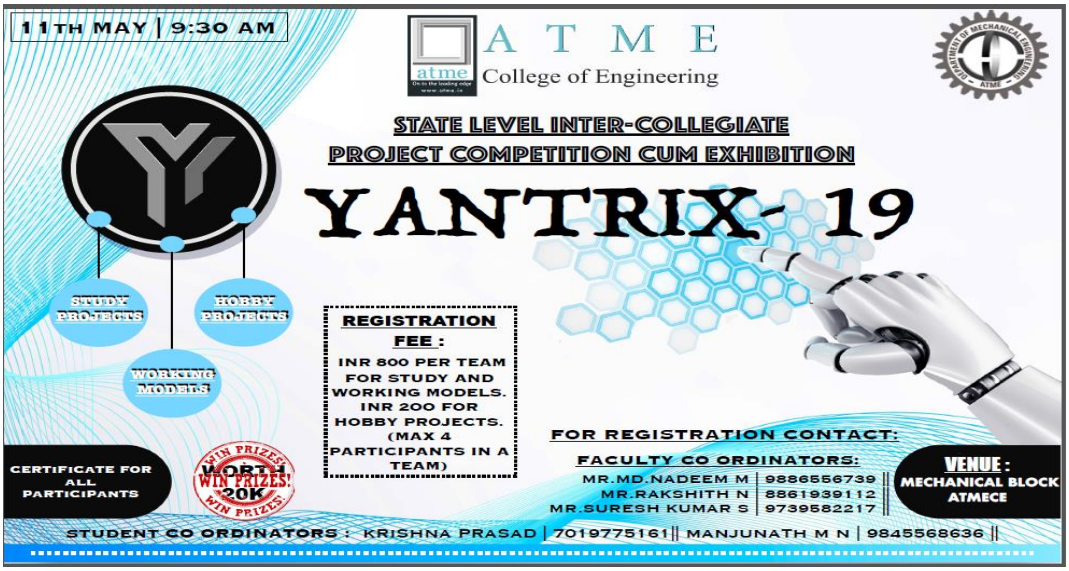
HOD

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



YANTRIX-2019 Poster

YANTRIX-2019 Inaguration

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

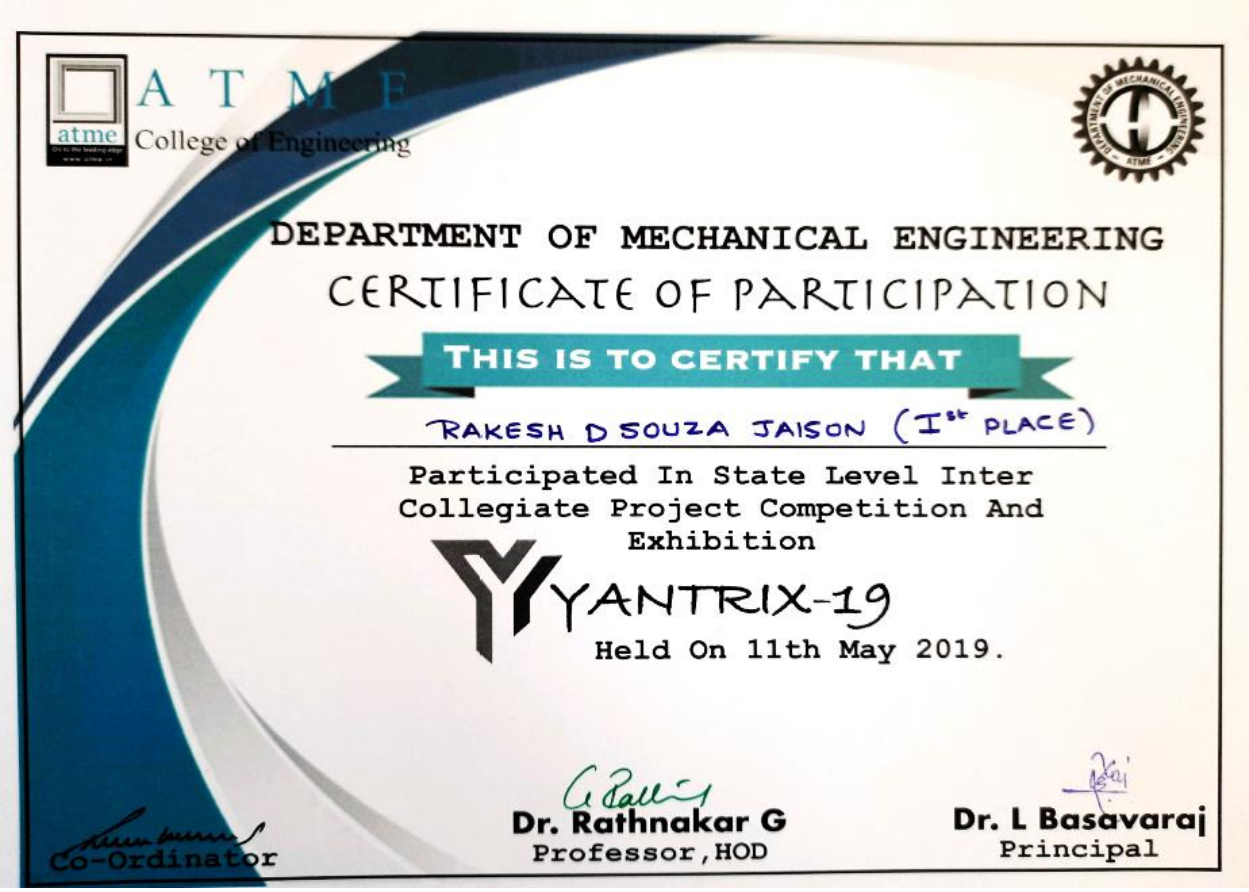
Milk Jar Washer Machine

Sugarcane Harvester

Solar powered Cycle and Furnace

HOD

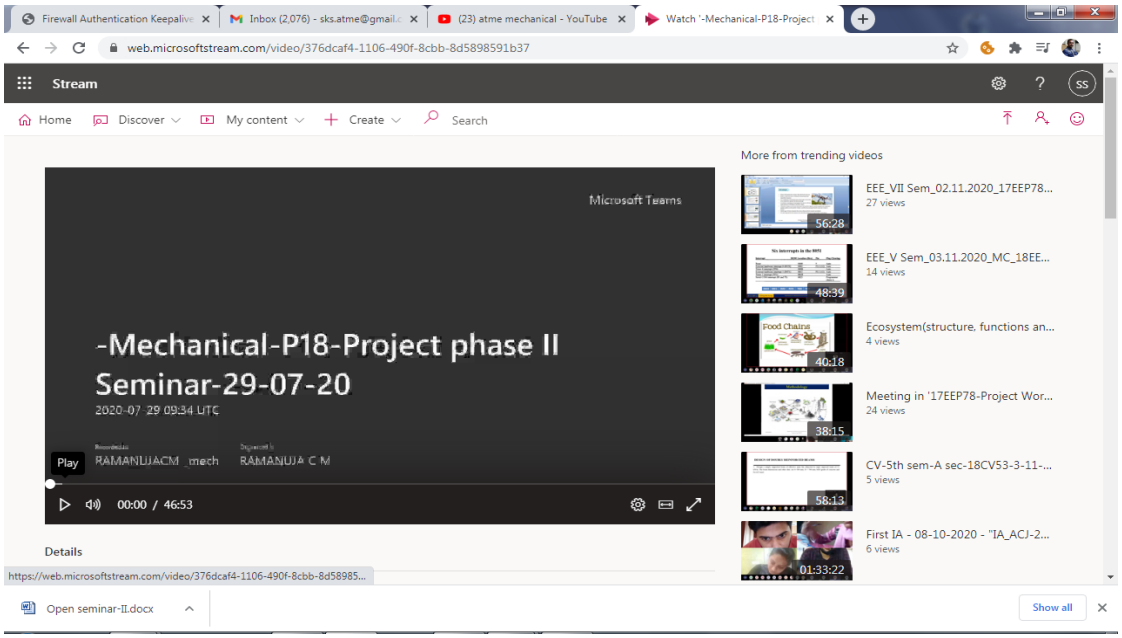
b. Best Project Presentation Award

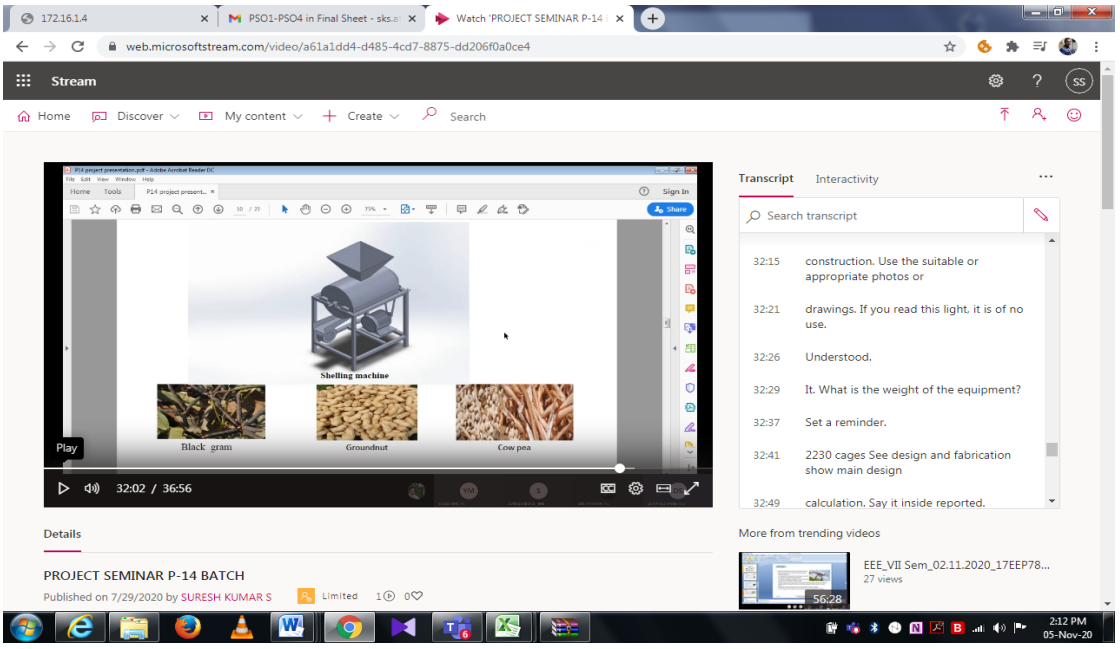


HOD

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: 2019-2020





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.

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 loses 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, Steafan 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 Hormonic 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 programing 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

TATA

Capability Development

Certificate

is presented to

KARTHIK AIYAPPA

for successfully completing the Elearning program on

Industrial Water system

Date : 15-04-2020

Prakash Singh
Chief, Capability Development

INTERNSHALA TRAININGS

Certificate of Training

Harshitha Venkatesh

from **ATME college of engineering** has successfully completed a six weeks online training on **AutoCAD** from 3rd April, 2020 to 15th May, 2020. The training consisted of Interface, Drawing Aids & Basic Objects, Complex Objects & Object editing, Blocks & Annotations and Plotting & Introduction to 3D modules. We wish Harshitha all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-30 Certificate no. : A0038F6E-1F51-4647-0CAB-7296FE0FB79F

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

ELEATION™

Certificate of Training

ELEATION'S ANSYS

BASIC TO PROFESSIONAL TRAINING PROGRAM

Course Duration 60 Days Center Online

This is to Certify that

NAVEEN N

has Successfully Completed **ELEATION'S ANSYS Basic to Professional Training Program,** which contains training on ANSYS-Workbench Mechanical, Design Modeler, Fluent Software's.
Also Successfully Completed & Submitted the practice models, assignments & tutorials.

Congratulations, you have scored 318 / 325.

Signed by

ELEATION

Training Certificate No. ESA_AN_19389

Date 20th Oct 2020

support@eleation.com, hr@eleation.com
www.eleation.com

ELEATION™

Certificate of Training

ELEATION'S ANSYS

BASIC TO PROFESSIONAL TRAINING PROGRAM

Course Duration 60 Days Center Online

This is to Certify that

PRAJWAL G R

has Successfully Completed **ELEATION'S ANSYS Basic to Professional Training Program,** which contains training on ANSYS-Workbench Mechanical, Design Modeler, Fluent Software's.
Also Successfully Completed & Submitted the practice models, assignments & tutorials.

Congratulations, you have scored 325 / 325.

Signed by

ELEATION

Training Certificate No. ESA_AN_22421

Date 29th Dec 2020

support@eleation.com, hr@eleation.com
www.eleation.com

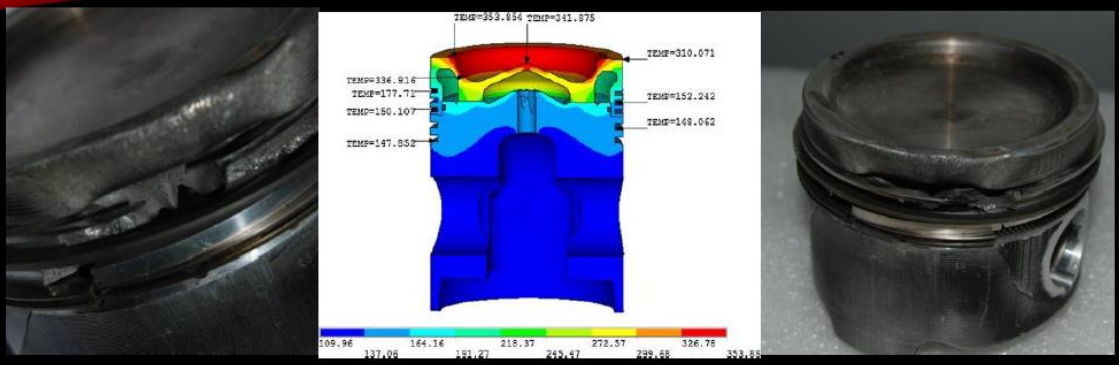
Sample Certificates

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.

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

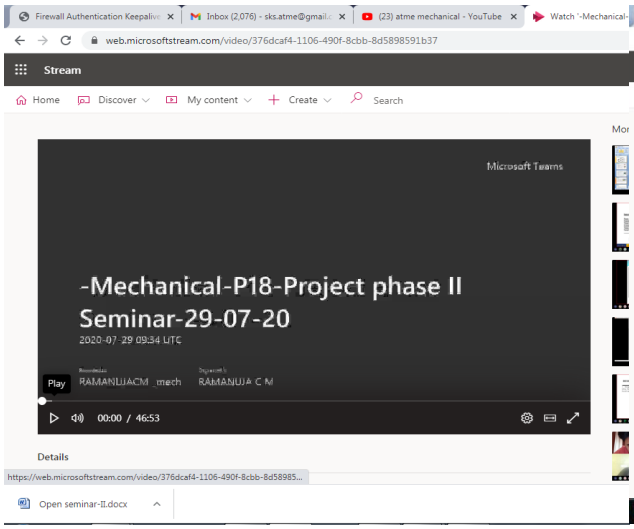
a) The faculty members of the Department of Mechanical Engineering directed Live Online classes through MS Teams, ZOOM and shared videos, PPTs through Google classroom and also evaluated students through MS Team, Google classroom for Assignment in the form of Quiz. In addition to this, recorded videos of laboratory experiments uploaded on YouTube.

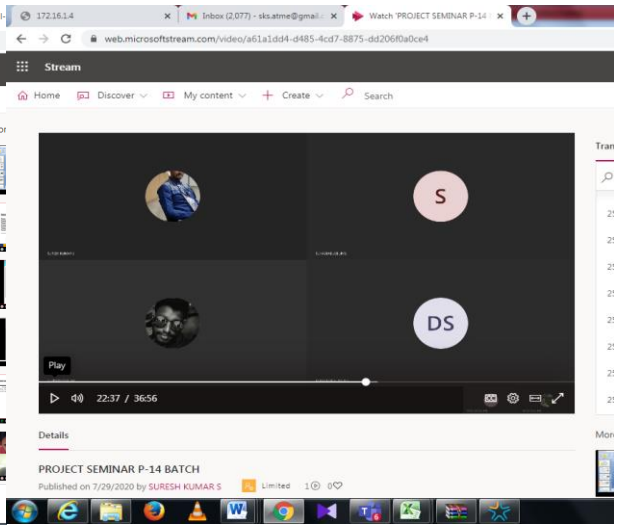
b) Project Phase Evaluation, Seminar and Internship evaluation was also conducted through MS teams Platform

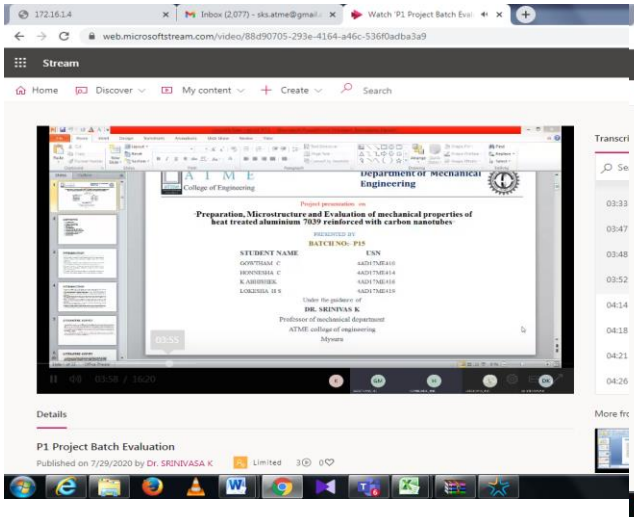
c) Webinars for students are also conducted through MS teams, YouTube Live streaming.

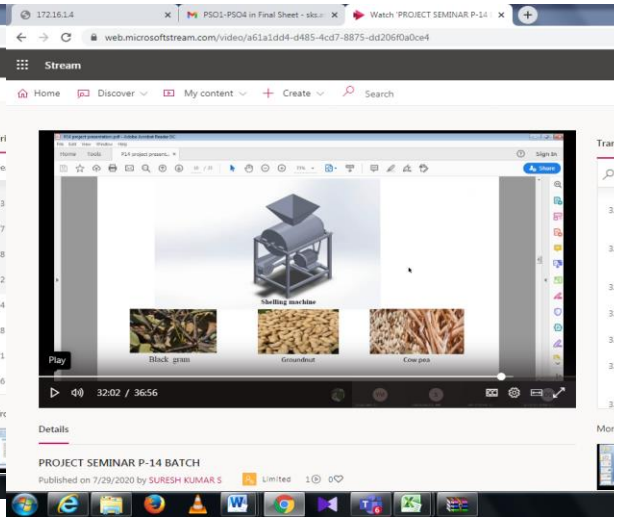
d) Student response system is used for conducting quiz.

MS Teams Screenshot Project Evaluation:



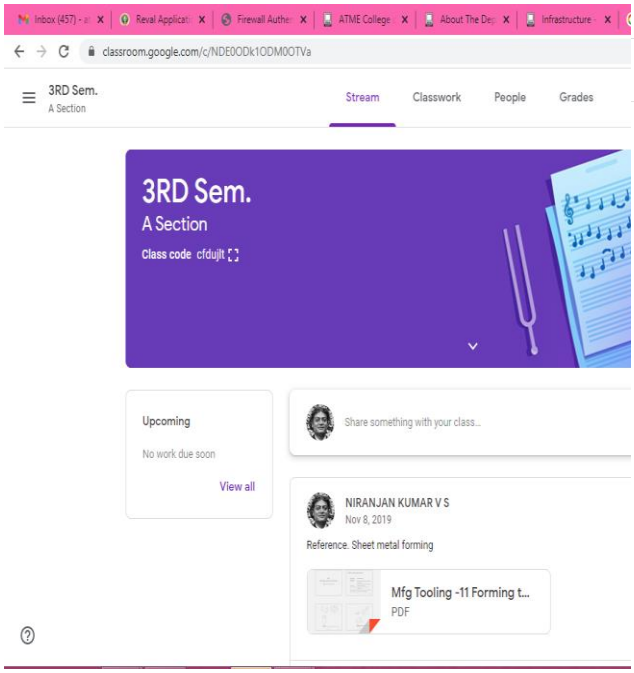


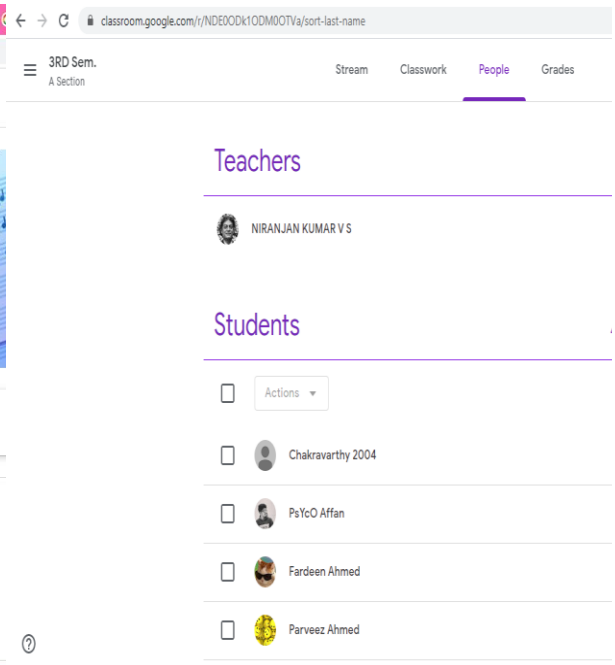




HOD

The Google classroom (snapshot) provided for reference.





Interactive Classroom Teaching (ICT)

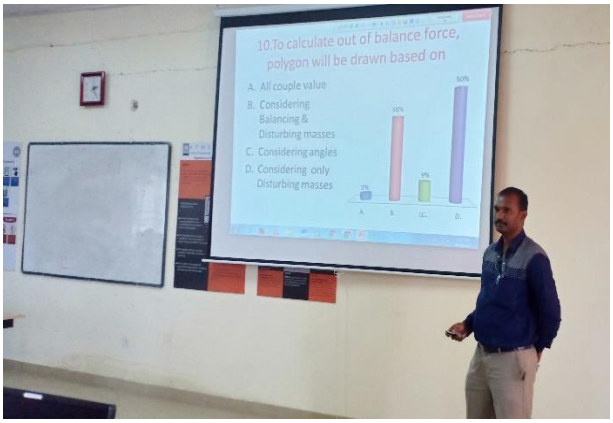


Figure: Sample of Using Microsoft I Cloud student response system for Classroom Teaching

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
Achivements
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	Meterial 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

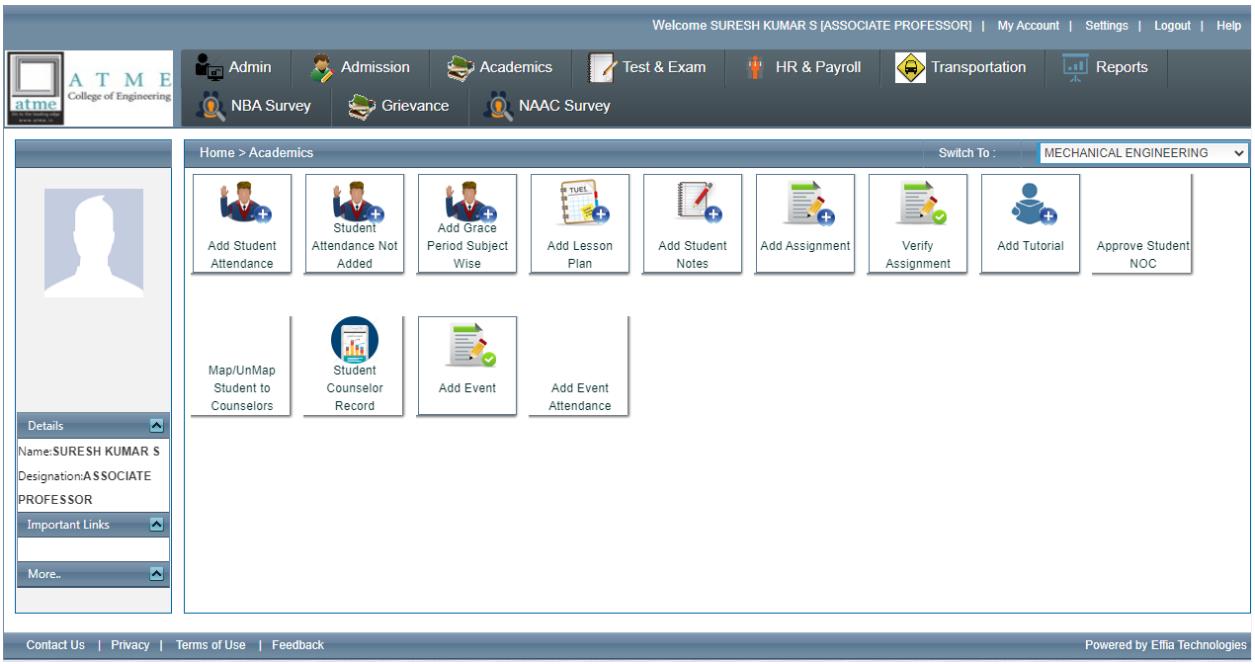
5th-SEMESTER COURSES								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18ME51	Management and Economics	Mr. Ramanuja C M (A) / Mr. Niranjan Kumar V S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
2	18ME52	Design of Machine Elements I	Dr. Srinivasa 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

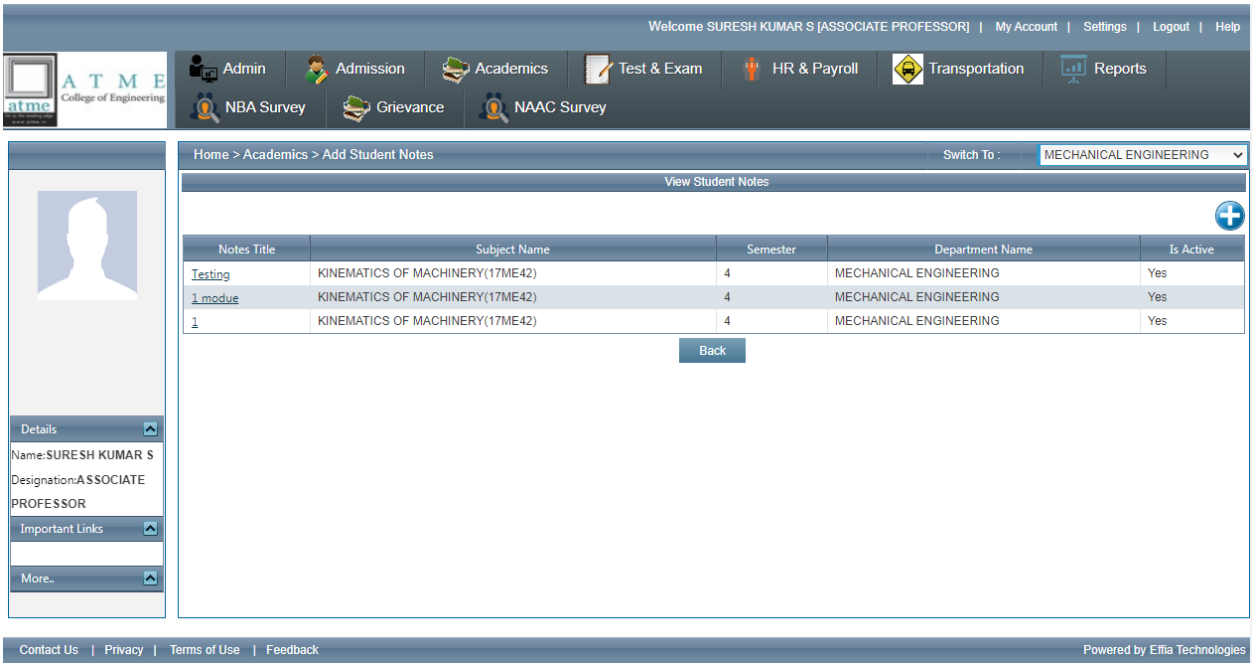
7th-SEMESTER COURSES								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	17ME71	Energy Engineering	Dr. Manjunath H S (A) / Mr. Ravikumar S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
2	17ME72	Fluid Power Systems	Mr. Yashwanth N (A) / Mr. Karthik 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

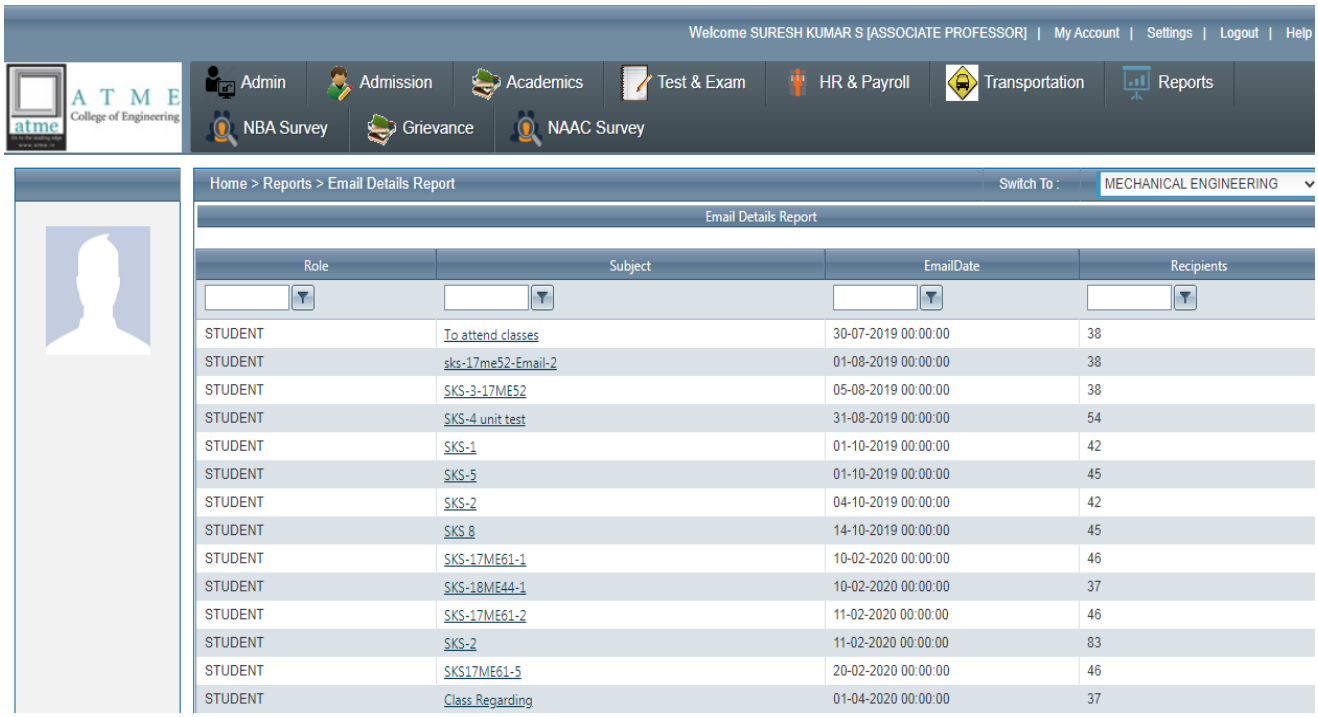


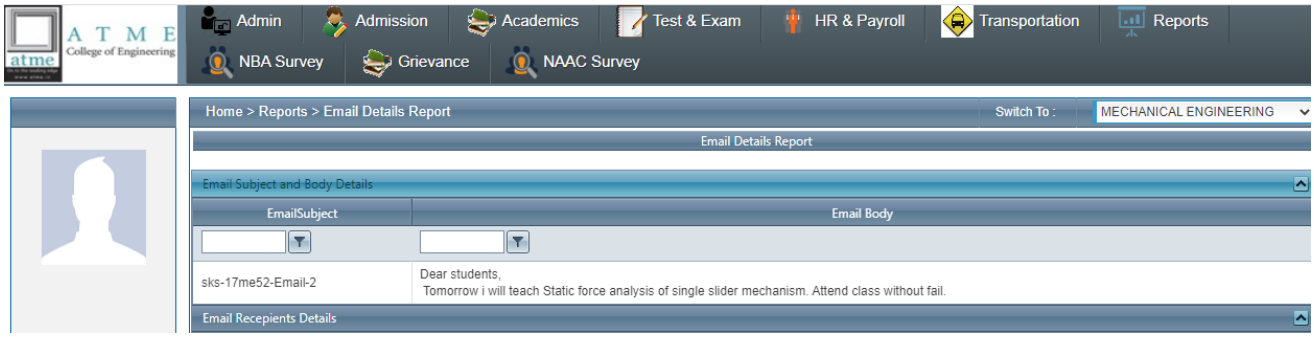


Problem Solving

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).





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 2019-2020

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	5th	17th August 2019	1 day
2	TVS Motor Company Ltd.Kadakola, Nanjanagudu	5th	24th August 2019	1 day
3	RANE (Madras) Ltd. Mysore Division	3rd	31st August 2019	1 day
4	Training Centre (GTTC) Mysuru Division	3rd	18th Sept.2019	1 day
5	Nestle India Ltd. Nanjanagudu, Mysuru Division	3rd	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

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 outskirt 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

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

Guest Lecture

HOD

Paper Presentation

USN	Name
4AD16ME037	Mayur Krishna

INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET) E-ISSN: 2395-0056
VOLUME: 07, SPECIAL ISSUE | JUNE 2020 WWW.IRJET.NET 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 Krishna[1], Mithin T R[2], Manu G T[3], Nischay M M[4]

[1-4]Final 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 180^0. 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) E-ISSN: 2395-0056
VOLUME: 07, SPECIAL ISSUE | JUNE 2020 WWW.IRJET.NET P-ISSN: 2395-0072
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 Khan[1], Mohammed Yousuf Khan[2], Mohammed Faraaz Ur Rahman[3], Shahbaz Pasha[4]

[1-4]Mechanical Engineering, ATME College of Engineering, Mysore, India

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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

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Co-curricular & Extra-Curricular activities

Social Development Activities

Swach Bharat Abhiyaan-Mellahalli

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

Swach Bharat Abhiyaan-Mellahalli

Swach 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 Seva Trust & Sri Sumangali Seva Ashram and handed over charity cheques totaling Rs.100000/- on 26th April 2019 for Novelty distribution to orphans.

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 Adi, 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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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

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	Control of boiler operation using PLC
2	Machine to machine communication
3	Fuel Cell and its applications
4	Automation of wastage segrigation using PLC
5	Non Pneumatic Tyre with integrated wheel for passanger vehicle
6	Bio Robotics
7	Scramjet Engine
8	Air Casters
9	Industry 4.0
10	Study of sensotronic break control system
11	Indian automotive industry towards bharat stage- VI
12	Euro 6/VI Vehicle Emission Standards
13	The Social dilemma of autonomous vehicles
14	Electro Magnetic Railgun
15	Meso Technology
16	Osmotic Power
17	Stealth Aircraft Technology
18	Tilting Trains
19	Solar Tracking System
20	Magnetic suspension system
21	Nano composites as advanced materials for aerospace industry
22	Diesel Engine Exhaust gas Recirculation
23	Carbon Ceramic Disc Breaks
24	Robotic Welding
25	Metal Foam
26	Non Convention Technology and future of pollution free thermal energy
27	Integrated Braking System for Two Wheeler
28	Brake Assist System
29	Hydaulic Brake components and operational factors
30	Heat Pipes
31	Advancement in Aircraft seat Ejection
32	Accident Prevention by using IR Transceiver
33	CFD simulation of Air Bearings materials
34	Aqua Silencer
35	Duel Fuel Engine
36	Cryogenic Rocket Engine
37	Auto Pilot Mode Technology in Vehicles

38	Personalised development of 3D printed organs
39	Machine Learning in Self Driving Tesla Automoblies
40	Usage of grephene in batteries
41	Magnetic Refrigeration
42	4D Printing
43	Latest advancement in automobile safety system
44	Eddy Current Brake system
45	Hydrogen Fuel cell vehicle
46	Hybrid Electric Vehicle
47	Wind Tunnel
48	Braking system in railways
49	2-Stroke Thermodynamic cycle Optimization of single cylinder free piston engine genereator
50	Aerodynamcs of high performance vehicles
51	Dual clutch transmission of automobile
52	Metal additive manufacturing cycle in aerospace industry
53	Intelligent reverse braking system
54	Plasma Assisted Machining
55	Autonomous Cars
56	Sensptronic brake control and brake wear sensor
57	Effect of heat treatment and reinforments on mechanical properties of aerospace grade aluminum composites at elevated temperature
58	Fabrication and analysis of accumulative roll bonding process between Mg and Al multi layers
59	Effect of red mud particles on scratch resistance of aluminum based MMC
60	Effect of heat treatment on mechanical properties of aluminum 7075 alloy rreinforced with SiC and Alumina
61	Drive by Wire Technology for Automobiles
62	Application of Artificial Intelligence in Mechanical Engineering
63	ElectroStatic Tractor Analysis using Measured flux model
64	Design and Development of Evolution cars using compressed air as alternate fuel
65	Application of Nano fluids in automotive radiator
66	Carbon nano materials for implant dentistry and bone tissue engineering
67	Robotic Process Automation (RPA)
68	Electromagnetic Braking System
69	Advancement in Engine Design
70	Shot peening process and their effect on surface properties
71	Advanced Jet Propulsion System
72	Quality improvement using FMEA
73	Automated Hydroponics Plants System
74	Smart Home automated control system
75	Self Inflation of Tyres
76	Recent Developments in Composite Leaf Spring
77	Fire Fighting Robots
78	Design and Fabrication of Paper Recycling Unit
79	Cam less Engine
80	Recent developments in ceramic braking system

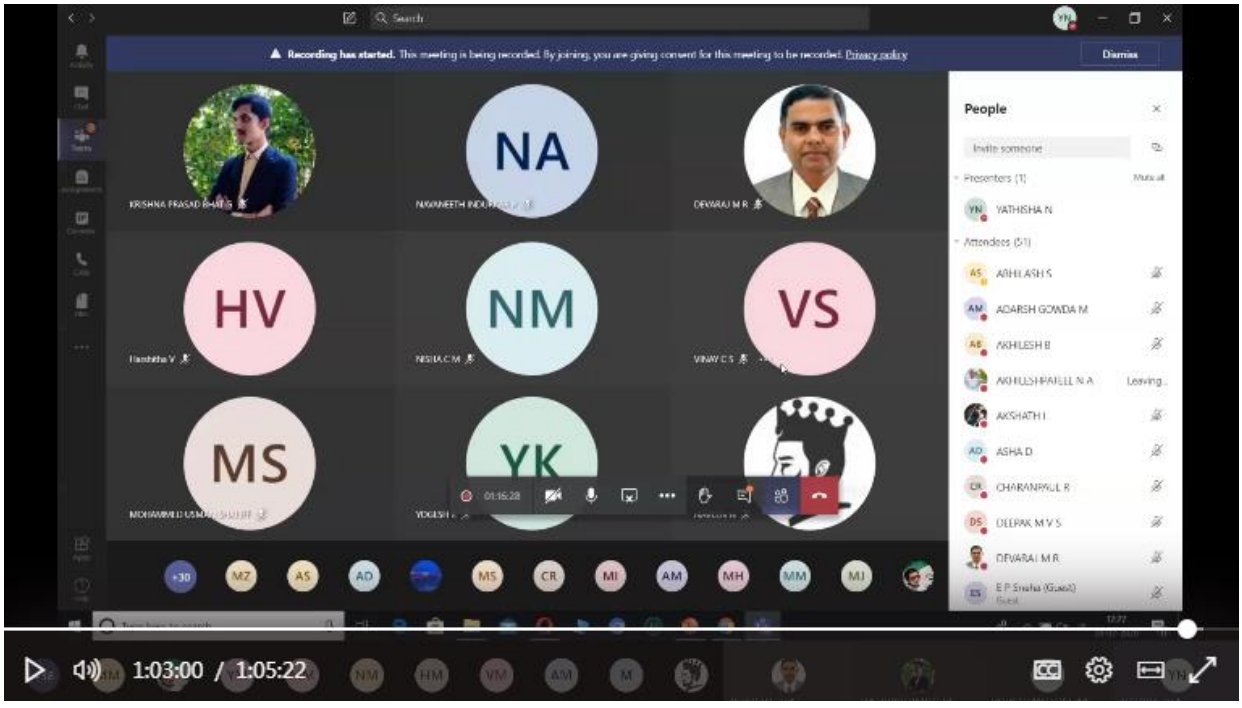
81	Pneumatic Air Suspension System
82	Nano IC Engine
83	Rover Technology development and infusion
84	Analysis and optimization of connecting rod with different materials
85	Bio Mechatronic Hand
86	Magnetic Repulsion Engine
87	Automic Battery
88	Vaccum Braking System
89	Absorption of refrigeration system using engine exhaust gas
90	Power Generating shock absorber
91	Smart Breaking System
92	Intelligent system to identify unauthorized automobile using internet of things
93	Diesel Particulate Filter
94	Modification of existing regenerative braking system for electric vehicle
95	Fractal Robot
96	Paper Battery
97	Night Vision technology of automobiles
98	Alcohol as a alternative fuel in IC engine
99	Thermal applications of Nano Fluids
100	Performance analysis on air powered engine
101	Transperant Photo Voltaic Technology
102	Aerodynamc drag change of simplified automobile modles influenced by passing vehicles
103	Intelligent Vehicles
104	Valvetronic Engine Technologyu
105	Micro EDM process
106	Crack Detection in Beam Structure
107	Optimal Design of hand carrying rocker-bogie mechanism for stair climbing
108	Advanced thermal management and analysis of wedge strut for scramjets
109	Impact of artificial intellegence in Mechanical Engineering
110	Advanced space propulsion concepts for interstellar travel
111	Improving Impact Toughness for Welding joints of Steel
112	Quadcopter control in 3D space
113	Artificial intellegence applied in agriculture
114	Cryogenic propellant recirculation for orbital propulsion system
115	Rifile Supressor
116	Blockchain Technology in Supply Chain Management
117	Solar Powered Airplanes (Aircraft)
118	Impact and application of 3-D Printing technology
119	Soft Robotics
120	MHD Power generation
121	Medical Robots
122	Under water Wind Mill
123	Overview of power transmission system and new trends in CVT System for automobile

124	Speed control statergy
125	Lean combustion in IC engine
126	Performance parameters of power plants
127	Adaptive Cruise control for an intelligent vehicle
128	Pulse Detonation Engine
129	Digital Twin Technology

HOD

Webinar series for students

Department of Mechanical Engineering encourages students to participate and learn through webinars.



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

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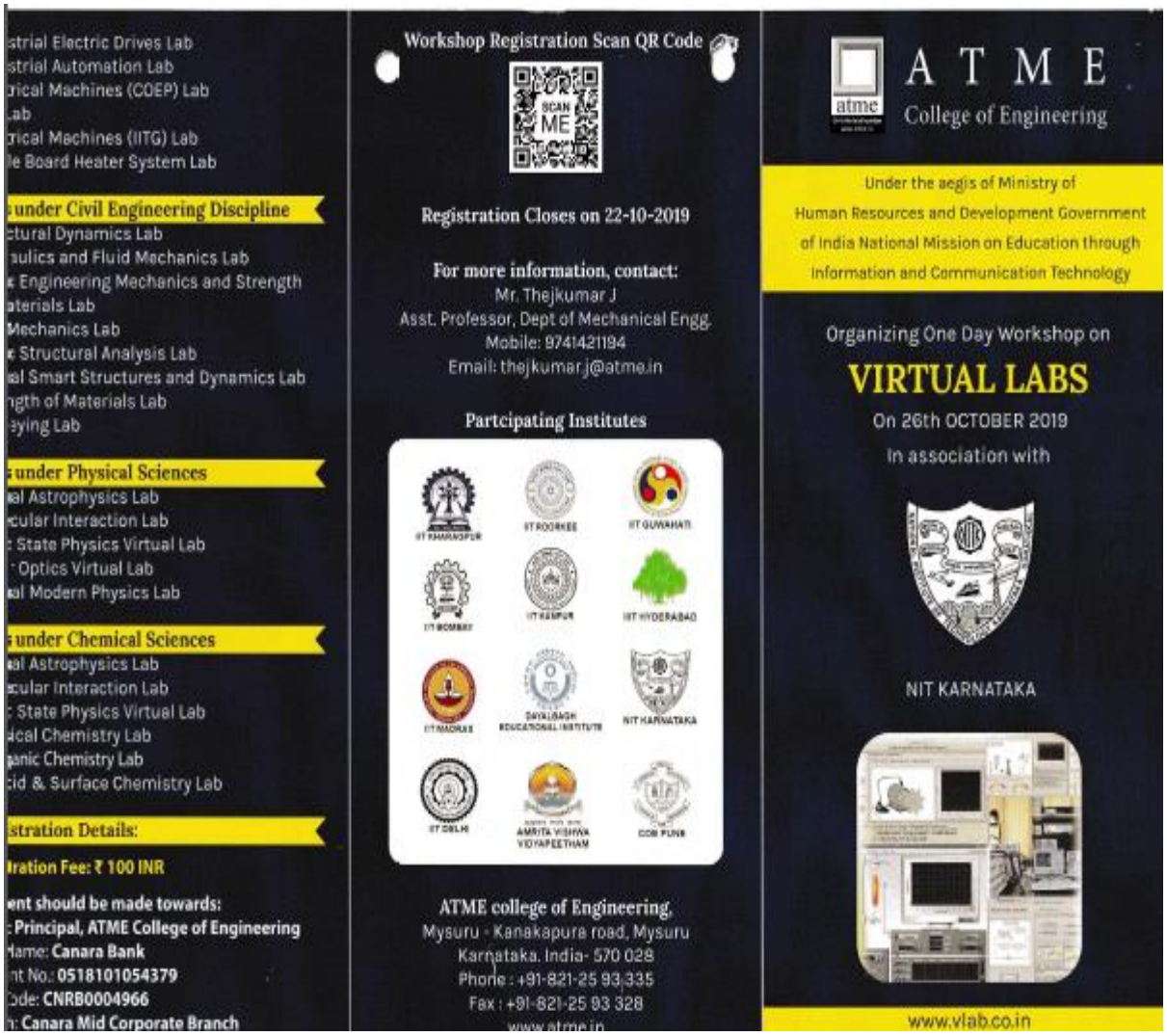
Virtual Lab

VIRTUAL Lab:


strial Electric Drives Lab
strial Automation Lab
rical Machines (COEP) Lab
Lab
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le Board Heater System Lab
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Principal, ATME College of Engineering
lame: Canara Bank
nt No.: 0518101054379
ode: CNRB0004966
: Canara Mid Corporate Branch
Workshop Registration Scan QR Code
SCAN ME
Registration Closes on 22-10-2019
For more information, contact:
Mr. Thejkumar J
Asst. Professor, Dept of Mechanical Engg.
Mobile: 9741421194
Email: thejkumar.j@atme.in
Partcipating Institutes
IIT KHARAGPUR
IIT ROORKEE
IIT GUWAHATI
IIT BOMBAY
IIT KANPUR
IIT HYDERABAD
IIT MADRAS
DAYALBAGH EDUCATIONAL INSTITUTE
NIT KARNATAKA
IIT DELHI
AMRITA VISHWA VIDYAPEETHAM
COE PUNE
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
ATME
College of Engineering
Under the aegis of Ministry of
Human Resources and Development Government
of India National Mission on Education through
Information and Communication Technology
Organizing One Day Workshop on
VIRTUAL LABS
On 26th OCTOBER 2019
In association with
NIT KARNATAKA
www.vlab.co.in

A T M E
College of Engineering

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: [illegible]

CS: [illegible]

CV: for [illegible] B.J

EEE: [illegible]

ME: [illegible]

HOD

Project Proposal Submission

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: 080-23600978

43rd Series of Student Project Programme: 2019-20
LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

6) A.T.M.E. COLLEGE OF ENGINEERING, MYSURU

23.	43S_BE_0840	DESIGN AND FABRICATION OF ORGANIC FERTILIZER MAKING MACHINE BY COMPOSTING METHOD	MECHANICAL ENGINEERING	B.E.	STREAM A	Mr. YASHWANTH N	Mr. MANOJ J Mr. PRAJWAL PR Mr. PUNITH N Mr. KRISHNA PRASAD BHAT G	4000.00
24.	43S_BE_0855	IOT BASED AIR POLLUTION MONITORING SYSTEM USING UNMANNED AERIAL VEHICLE (UAV - DRONE)	MECHANICAL ENGINEERING	B.E.	STREAM A	Mr. KARTHIK KUMAR M	Mr. MANJUNATH M N Mr. ALI ABBAS Mr. ATITH N Mr. GOPINATH U	6000.00
25.	43S_BE_0859	MULTI AXES SOLAR TRACKING SYSTEM	MECHANICAL ENGINEERING	B.E.	STREAM A	Prof. MOHANAKUMARA K C	Mr. MANOJ S Ms. SWETHA B N Mr. MADHUVARDHAN G Mr. RAKSHITH	6000.00
26.	43S_BE_0860	DESIGN AND FABRICATION OF MULCHING MACHINE	MECHANICAL ENGINEERING	B.E.	STREAM A	Prof. HARSHA D N	Mr. PRAJWAL KUMAR M Mr. NITHIN GOWDA C Mr. RAKESH R Mr. VINAY H S	7000.00
27.	43S_BE_0863	VISUAL SURVEILLANCE SYSTEM USING ARDUINO	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	STREAM A	Mrs. HARSHITHA N Mrs. KEERTHI A KUMBAR	Mr. ANIL KUMAR B Ms. SPANDANA N Mr. MAHESHCHANDRA N M Mr. MANOJ M E	5000.00
28.	43S_BE_0873	AGRICULTURAL ROBOT USING IOT	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	STREAM A	Prof. ANUPAMA SHETTER Prof. PRATHIBHA M K	Ms. SAIMA SADAF Mr. SYED FAZIL AHMED Ms. RANJINI D R Mr. NITHISH ATHREYAS S R	5000.00
29.	43S_BE_0876	AADHAAR ENABLED AUTOMATED RATION DISTRIBUTION FOR REMOTE PLACES	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	STREAM A	Mr. SATHISH KR Mr. SHREESHAYANA R	Ms. PALLAVI K R Ms. MONICA R Mr. AMRUTESH H K Mr POORNACHANDRASAGAR N	5000.00

KSCST Best Projects Series

Sl. No.	Series	Academic Year	Project Title	Faculty Name	Department	Sanctioned Amount
1	40th	2016-2017	1.Design and fabrication of Coin Operated portable Water Vending Machine	Mr. Rakshith N	Mechanical Engineering	7000
2	41st	2017-2018	1.Rider Safety system using Embedded System	Dr Yathisha L	Electronic &communicatio n Engineering	6000
3	42nd	2018-2019	1.Design of water waste collector by Sathish 2. Eye Ball motion Controlled Wheel Chair for Tetraplegia	1.Mr. Vinod Kumar P 2. Mrs. Pooja M	Electrical & Electronics Engineering	6000 8000
4	43rd	2019-2020	1. Aadhaar Enabled automated ration distribution for remote Places 2. 3D printing using Recycled filament	Mr. Sathish K R	Electrical & Electronics Engineering	6000 5000

Link:https://www.kscst.org.in/spp/43_series/43S_SPP_Sanctioned_Projects_List.pdf

b. Proposals selected under VTU TEQUIP 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.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Phone : (0831) 2405468
Fax : (0831) 2405467
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

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

7/5/2020

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.

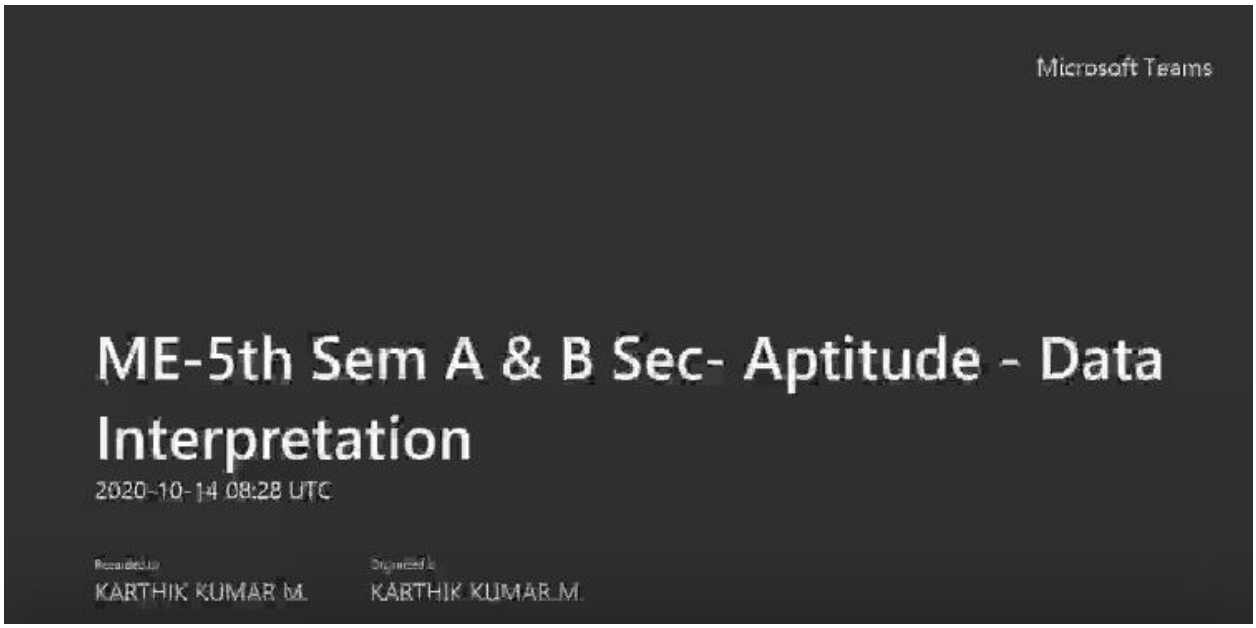
Recorded Video Link:

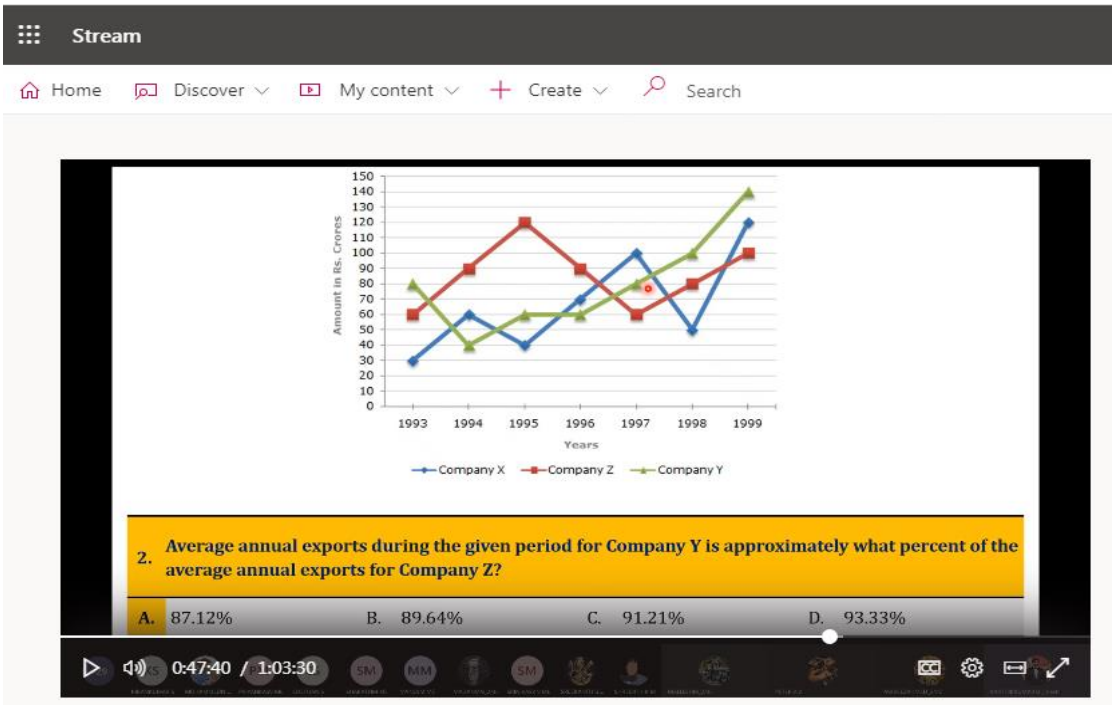
http://atme.in/notice/aptitude-verbal-reasoning-training-video-links/

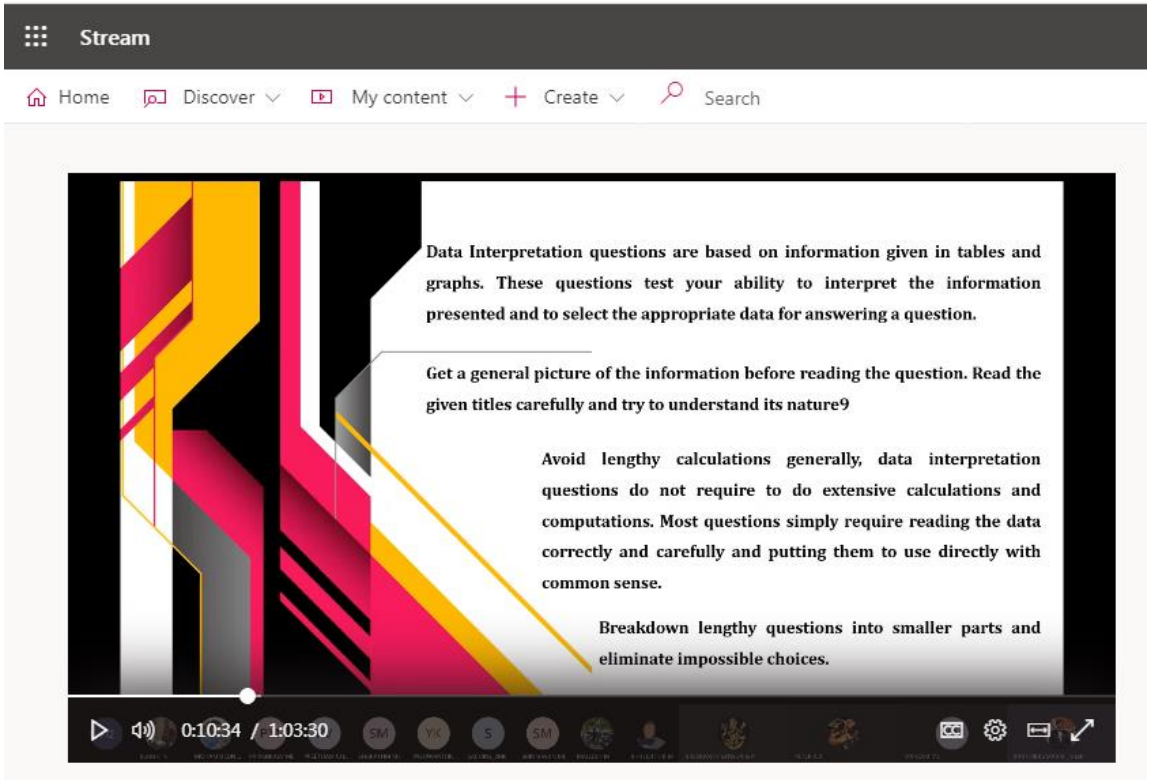
https://web.microsoftstream.com/video/ebc42b22-fd21-444a-b473-d6dc7eaed573

https://web.microsoftstream.com/video/18aaa2f3-01e4-4d8a-bbed-c9fb09c00040

Screenshot of Online Session Activity:







Screenshot of Online Session Activity

HOD

Technical Quiz

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	Temperature compens	Q3	An Ideal Strain Gauge	Q4	Impedance Matching	Q5	For completely defining	Q6
1	MAYUR_KRISHNA	10839	962	A.Least Count	1081	True	1167	All the above	1279	False	1374	3	1463
2	Krishnaprasadsg	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/11deKEYAnm0tjipql0uS8Ly0DdP6CdF5p

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

Device ID	Student name	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Total Points		Score	
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	CHETHAN 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

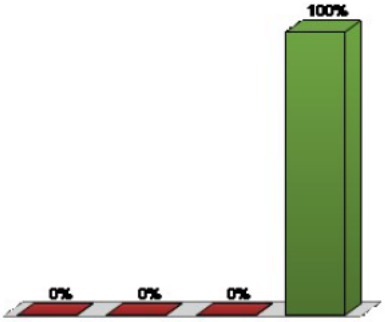
Session Name: Current Session

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**



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