



A T M E

College of Engineering



NBA  
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**Department of Electrical and Electronics Engineering**

---

**Number of teachers using ICT**



A T M E

College of Engineering



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**Department of Electrical and Electronics Engineering**

---


**AY:2020-2021**

**Department of Electrical and Electronics Engineering**

**Number of teachers using ICT**

**AY:2020-2021**

SL.No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Parthasarathy L	Professor and Head	✓		
2	Dr.Shakunthala C	Associate Professor	✓		
3	Mr. Raghavendra L	Associate Professor	✓		
4	Dr. Sathish KR	Assistant Professor	✓		
5	Mr. Praveen Kumar M	Assistant Professor	✓		
6	Mrs. Lakshmi K	Assistant Professor	✓		
7	Mr. Vinod Kumar P	Assistant Professor	✓		
8	Mr. Shreeshayana R	Assistant Professor	✓		
9	Mr. Mohan M	Assistant Professor	✓		
10	Mrs. Pooja M	Assistant Professor	✓		Relieved on Jan 21 <sup>st</sup> 2021
11	Ms. Swapna H	Assistant Professor	✓		
12	Mrs. Maria Sushma S	Assistant Professor	✓		
13	Mr. Rajesh KS	Assistant Professor	✓		Relieved on July 2 <sup>nd</sup> 2021

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



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**Department of Electrical and Electronics Engineering**

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**AY:2019-2020**

**Department of Electrical and Electronics Engineering**

**Number of teachers using ICT**

**AY:2019-2020**

SL.No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Parthasarathy L	Professor and Head	✓		
2	Mr. Raghavendra L	Associate Professor	✓		
3	Mr. Sathish KR	Assistant Professor	✓		
4	Mr. Praveen Kumar M	Assistant Professor	✓		
5	Mrs. Lakshmi K	Assistant Professor	✓		
6	Mr. Vinod Kumar P	Assistant Professor	✓		
7	Mr. Shreeshayana R	Assistant Professor	✓		
8	Mr. Mohan M	Assistant Professor	✓		
9	Mrs. Pooja M	Assistant Professor		✓	Maternity Leave 16 <sup>th</sup> August 2019
10	Ms. Swapna H	Assistant Professor	✓		
11	Mrs. Maria Sushma S	Assistant Professor	✓		
12	Mr. Rajesh KS	Assistant Professor	✓		



**HoD**

Dr. PARTHASARATHY L.  
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**Department of Electrical and Electronics Engineering**

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**AY:2018-2019**

**Department of Electrical and Electronics Engineering**

**Number of teachers using ICT**

**AY:2018-2019**

SL.No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Parthasarathy L	Professor and Head	✓		
2	Mr. Raghavendra L	Associate Professor	✓		
3	Mr. Sathish KR	Assistant Professor	✓		
4	Mr. Praveen Kumar M	Assistant Professor	✓		
5	Mrs. Lakshmi K	Assistant Professor	✓		Maternity Leave April 1 <sup>st</sup> 2018
6	Mr. Vinod Kumar P	Assistant Professor	✓		
7	Mr. Shreeshayana R	Assistant Professor	✓		
8	Mr. Mohan M	Assistant Professor	✓		
9	Mr. Santhosh Kumar R	Assistant Professor	✓		
10	Mrs. Pooja M	Assistant Professor	✓		
11	Ms. Swapna H	Assistant Professor	✓		
12	Mrs. Maria Sushma S	Assistant Professor	✓		
13	Mr. Rajesh KS	Assistant Professor	✓		
14	Mr. Sanjay S	Assistant Professor	✓		



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**AY:2017-2018**



**Department of Electrical and Electronics Engineering**

**Number of teachers using ICT**

**AY:2017-2018**

SL.No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Parthasarathy L	Professor and Head	✓		
2	Mr. Raghavendra L	Associate Professor	✓		
3	Mr. Sathish KR	Assistant Professor	✓		
4	Mr. Praveen Kumar M	Assistant Professor	✓		
5	Mrs. Lakshmi K	Assistant Professor	✓		Maternity Leave April 1 <sup>st</sup> 2018
6	Mr. Vinod Kumar P	Assistant Professor	✓		
7	Mr. Shreeshayana R	Assistant Professor	✓		
8	Mr. Mohan M	Assistant Professor	✓		
9	Mr. Santhosh Kumar R	Assistant Professor	✓		
10	Ms. Pooja M	Assistant Professor	✓		
11	Ms. Swapna H	Assistant Professor	✓		
12	Mrs. Maria Sushma S	Assistant Professor	✓		
13	Mr. Rajesh KS	Assistant Professor	✓		
14	Mr. Sanjay S	Assistant Professor	✓		



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**AY:2016-2017**

**Department of Electrical and Electronics Engineering**

**Number of teachers using ICT**

**AY:2016-2017**

SL.No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Parthasarathy. L	Professor and Head	✓		
2	Dr. Likith Kumar M V	Assistant Professor	✓		
3	Mr. Raghavendra. L	Assistant Professor	✓		
4	Mrs. Poornima S	Assistant Professor	✓		
5	Mr. Praveen Kumar M	Assistant Professor	✓		
6	Mr. Sathish. K R	Assistant Professor	✓		
7	Mrs. Rekha M N	Assistant Professor	✓		
8	Mrs. Lakshmi. K	Assistant Professor	✓		
9	Mr. Vinod Kumar P	Assistant Professor	✓		
10	Mr. Mohan M	Assistant Professor	✓		
11	Mr. Shreeshayana R	Assistant Professor	✓		
12	Mr. Santhosh Kumar R	Assistant Professor	✓		
13	Mrs. Maria Sushma S	Assistant Professor	✓		
14	Ms. Pooja M	Assistant Professor	✓		
15	Ms. Swapna H	Assistant Professor	✓		



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**AY:2015-2016**

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**Number of teachers using ICT**

**AY:2015-2016**

SL.No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Parthasarathy. L	Professor and Head	✓		
2	Mr. Raghavendra. L	Assistant Professor	✓		
3	Mrs. Poornima S	Assistant Professor	✓		
4	Mr. Praveen Kumar M	Assistant Professor	✓		
5	Mr. Sathish. K R	Assistant Professor	✓		
6	Mrs. Lakshmi. K	Assistant Professor	✓		
7	Mr. Vinod Kumar P	Assistant Professor	✓		
8	Mr. Mohan M	Assistant Professor	✓		
9	Mr. Shreeshayana R	Assistant Professor	✓		
10	Mr. Santhosh Kumar R	Assistant Professor	✓		
11	Ms. Mohanalakshmi J	Assistant Professor	✓		
12	Mr. Likith Kumar M V	Assistant Professor	✓		
13	Mr. Manjunath K	Assistant Professor	✓		



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**Department of Electrical and Electronics Engineering**

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**Number of ICT Enabled Classroom**



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## Department of Electrical and Electronics Engineering

SL. No.	Name	Room No.	Facility
1	ICT Enabled Classroom	EE003,EE103	LCD Projectors with Projection screen, WI-FI Facility
2	Smart Classroom	EE004	Interactive Touchscreen AV System, LCD Projectors with Projection screen, LAN Connection, WIFI Facility

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ATME College of Engineering, Mysuru



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**Department of Electrical and Electronics Engineering**

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# Facility Proof



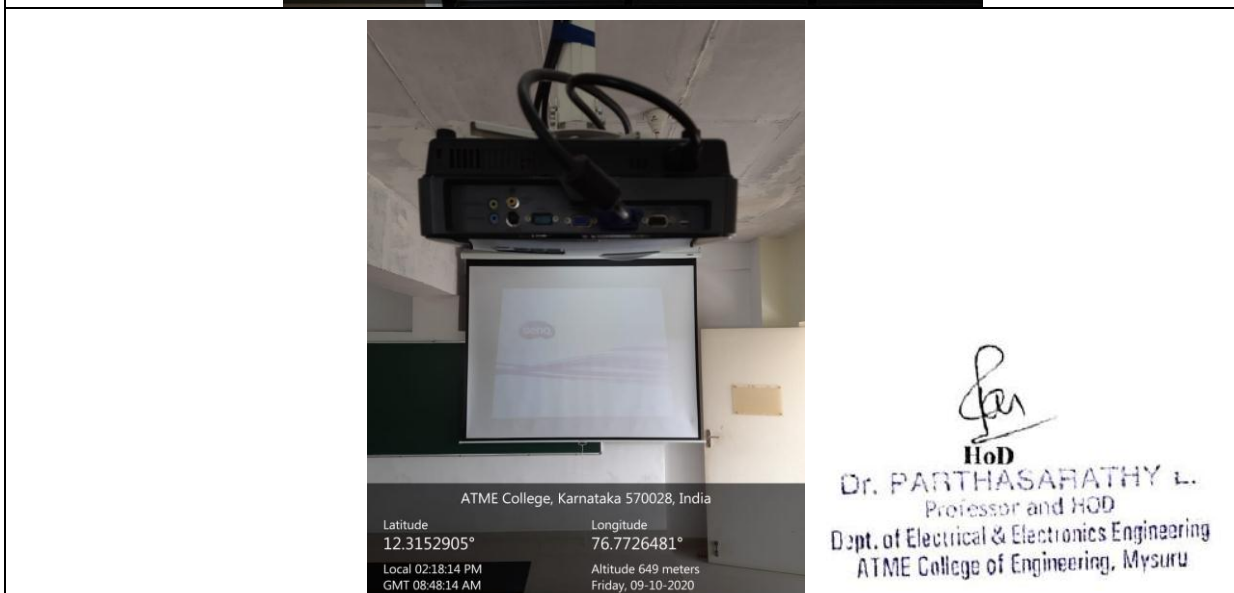
## Department of Electrical and Electronics Engineering

### E003/ Classroom



## Department of Electrical and Electronics Engineering

### EE103/Class Room



## Department of Electrical and Electronics Engineering

### E004 Smart Classroom





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## Department of Electrical and Electronics Engineering



Malavalli - Mysore Rd, Harohalli (J), Karnataka 570010, India

Latitude  
**12.315004994161427°**

Longitude  
**76.77322612144053°**

Local 01:00:03 PM  
GMT 07:30:03 AM

Altitude 764 meters  
Saturday, 09-10-2021

**HoD**

**Dr. PARTHASARATHY L.**  
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Dept. of Electrical & Electronics Engineering  
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**Department of Electrical and Electronics Engineering**

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## **ICT Resources**

## Department of Electrical and Electronics Engineering

### ICT Resources Utilized for Teaching and Learning Process

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:








ICT Resources	
Delivery	Assessment
<ol style="list-style-type: none"><li>1. MS Teams</li><li>2. PPT</li><li>3. Google Classroom</li><li>4. YouTube</li><li>5. Zoom</li><li>6. Virtual Labs</li><li>7. WACOM Writing Pad</li></ol>	<ol style="list-style-type: none"><li>1. Student Response System</li><li>2. MS Team Form Quiz</li><li>3. Google Forms Quiz</li></ol>

Additional Learning ICT Resources
<ol style="list-style-type: none"><li>1. CERP</li><li>2. EDUSAT</li><li>3. Digital Library</li><li>4. Study Materials</li><li>5. Flipped Classroom</li></ol>



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ATME College of Engineering, Mysuru

**Department of Electrical and Electronics Engineering**

<b>Delivery</b>	
Microsoft Teams(Licensed)	
PPT	
Google Classroom	
YouTube (Recorded Videos)	
Zoom	
Virtual Labs	 An MHRD Govt of India Initiative
WACOM Writing Pad	



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## Department of Electrical and Electronics Engineering

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# Microsoft Teams

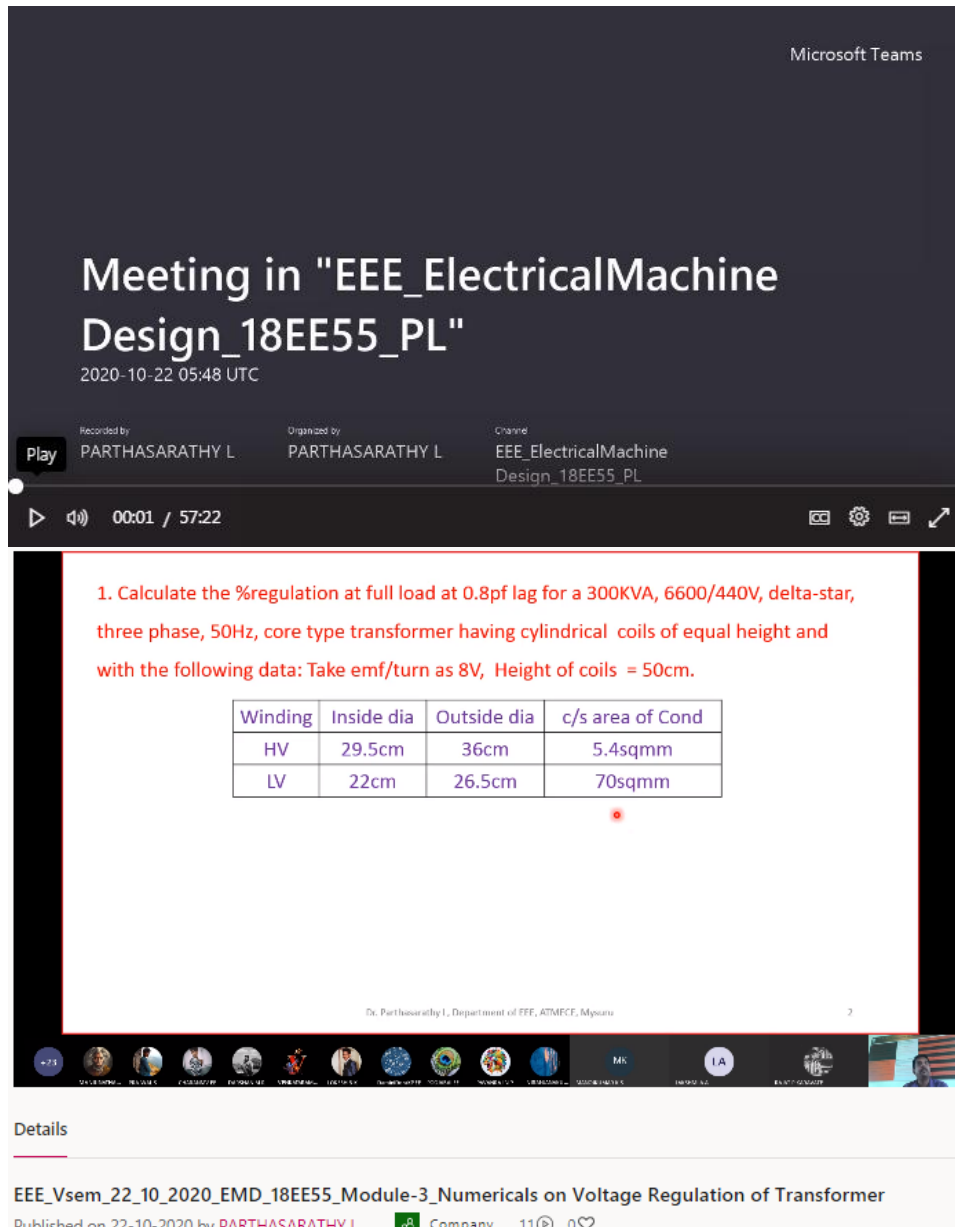


## Department of Electrical and Electronics Engineering

The institution has licensed MS teams for the benefit of students in Teaching & Learning process.

### 1. MS Teams Delivery Sample Screenshots

**Dr. Parthasarathy L**  
**Professor & HoD**



Microsoft Teams

# Meeting in "EEE\_ElectricalMachine Design\_18EE55\_PL"

2020-10-22 05:48 UTC

Recorded by: PARTHASARATHY L  
Organized by: PARTHASARATHY L  
Channel: EEE\_ElectricalMachine Design\_18EE55\_PL

00:01 / 57:22

1. Calculate the %regulation at full load at 0.8pf lag for a 300KVA, 6600/440V, delta-star, three phase, 50Hz, core type transformer having cylindrical coils of equal height and with the following data: Take emf/turn as 8V, Height of coils = 50cm.

Winding	Inside dia	Outside dia	c/s area of Cond
HV	29.5cm	36cm	5.4sqmm
LV	22cm	26.5cm	70sqmm

Dr. Parthasarathy L, Department of EEE, ATMECE, Mysuru

Details

EEE\_Vsem\_22\_10\_2020\_EMD\_18EE55\_Module-3\_Numericals on Voltage Regulation of Transformer  
Published on 22-10-2020 by PARTHASARATHY L

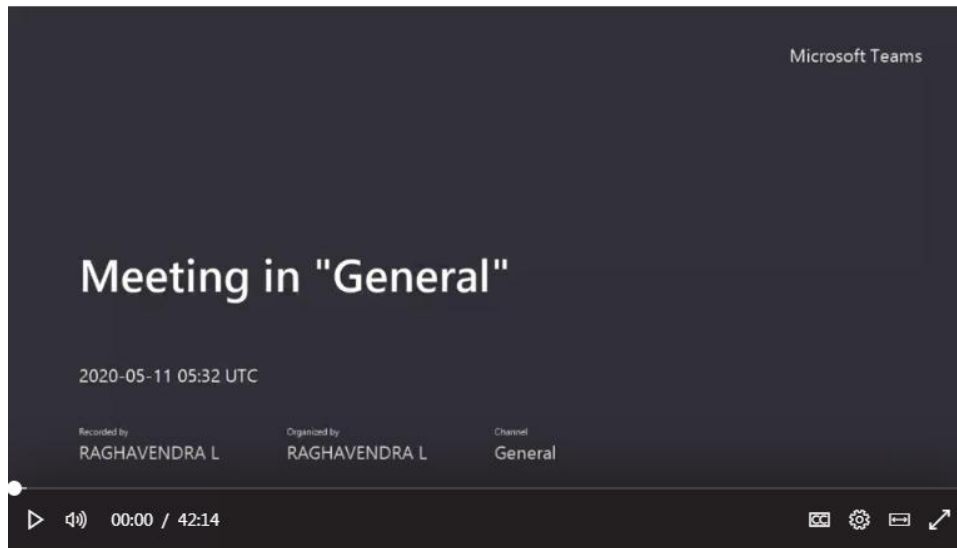


HoD

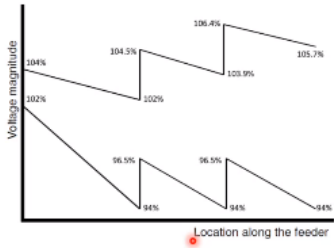
**Dr. PARTHASARATHY L.**  
Professor and HoD  
Dept. of Electrical & Electronics Engineering  
ATME College of Engineering, Mysuru

**Department of Electrical and Electronics Engineering**

**Mr. Raghavendra L**  
**Associate Professor**



The resulting voltage profile for maximum and minimum loads is shown in Figure 7. The voltage magnitude values in the figure are obtained by using the following reasoning:



Location along the feeder	Maximum Load Voltage Magnitude (%)	Minimum Load Voltage Magnitude (%)
Start	104%	102%
Point 1	104.5%	102%
Point 2	106.4%	96.5%
Point 3	105.9%	96.5%
Point 4	105.7%	94%

Details

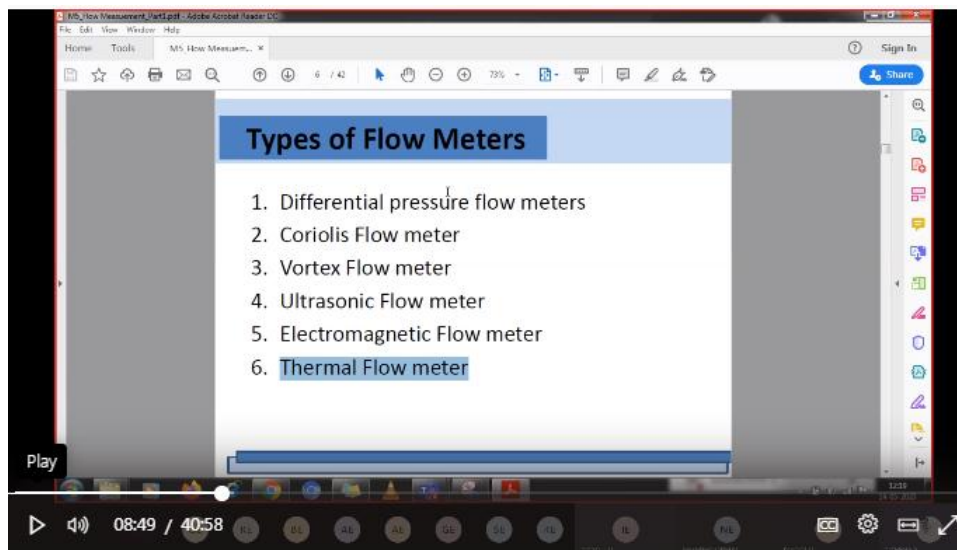
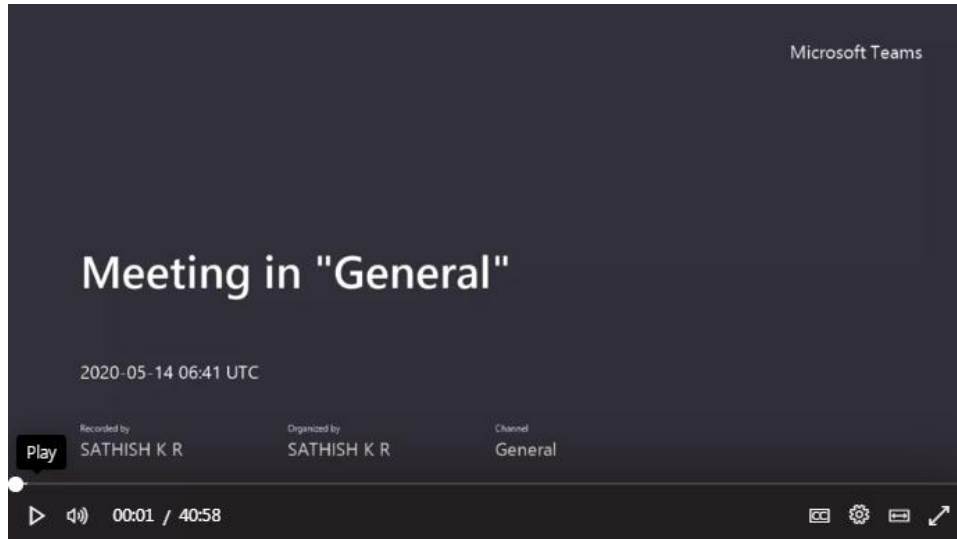
EEE\_VIII Sem(A&B)\_11.05.2020\_IDG\_15EE833\_A Numerical Approach to Voltage Variations.  
Published on 11-05-2020 by RAGHAVENDRA L Company 7 0



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

## Department of Electrical and Electronics Engineering

**Mr. Sathish K R**  
**Assistant Professor**



#### Details

#### Meeting in "General"

Published on 14-05-2020 by SATHISH K R Company 2 0

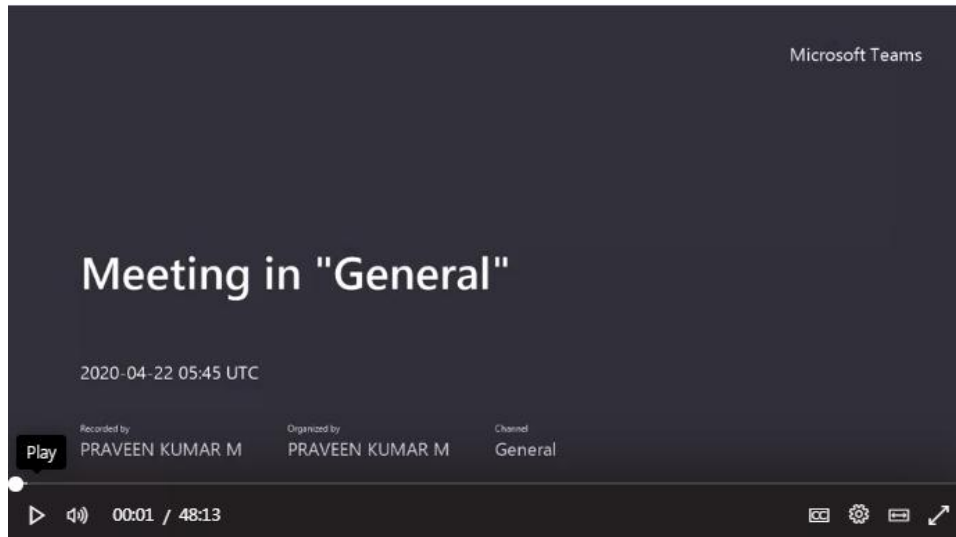


HoD

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

## Department of Electrical and Electronics Engineering

**Mr. Praveen Kumar**  
**Assistant Professor**



Synchronous Motor Variable Speed Drives

### Variable Frequency Control

We know that, the synchronous speed is given by,  $N_s = \frac{120 \cdot f}{p}$


- From the above equation, it is clear that the speed of a synchronous motor can be controlled by varying the frequency of the supply.
- As in the case of induction motors, the stator flux is maintained constant by keeping the (v/f) ratio constant in this motor also. Constant flux operation ensures that the maximum torque at all frequencies is same.
- v/f ratio is increased at low frequencies to increase the torque producing capability of motor.
- Above rated speed, the stator voltage is kept constant and the frequency alone is increased. In this case, the torque produced by the motor may be reduced.

+29 SE NE NE PM MA SE  
NARGAGMEE PRAVEEN KUMAR M MOHAMMED ASSIM SONPARKKAR EE

### Details

EEE\_VIII\_A\_22/4/2020\_IDA\_15EE82\_Module 4\_operation from fixed frequency, starting, frequency control

Published on 22-04-2020 by PRAVEEN KUMAR M Company 9 0

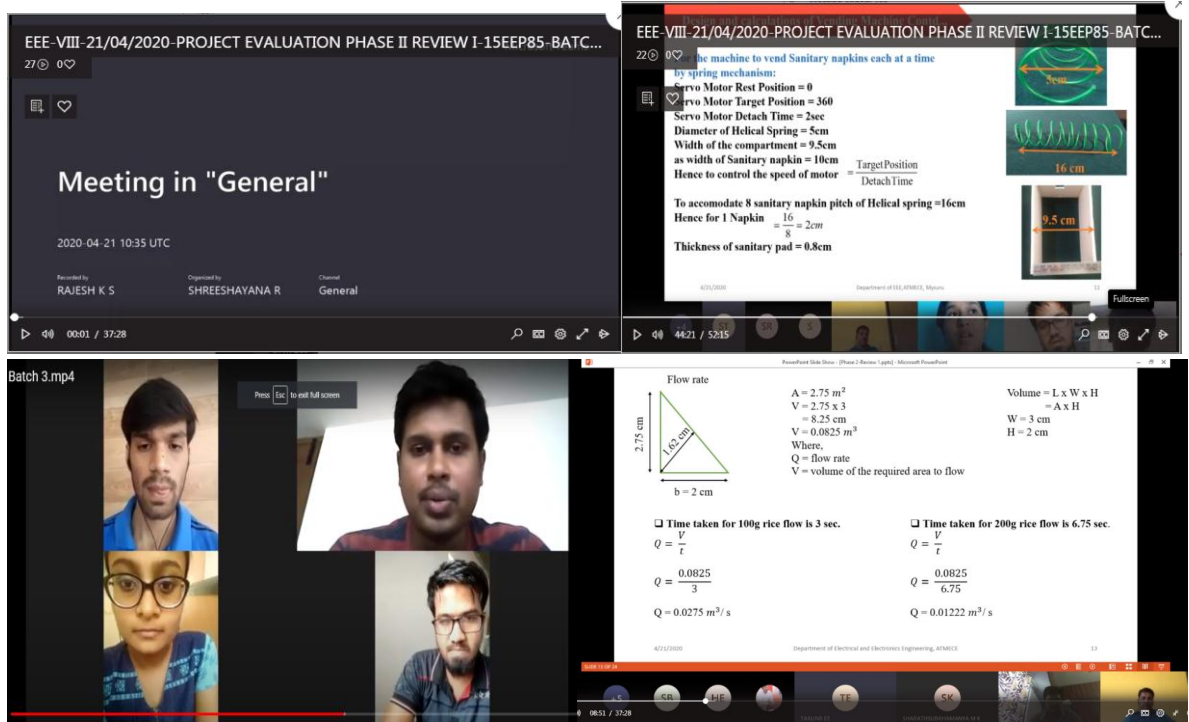


HoD

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

## Department of Electrical and Electronics Engineering

### MS Teams Screenshot Project Evaluation:



Meeting in "General"

2020-04-21 10:35 UTC

Recorded by RAJESH K S Organized by SHREESHAYANA R Channel General

00:01 / 37:28

Batch 3.mp4

Press [Esc] to exit full screen

EEE-VIII-21/04/2020-PROJECT EVALUATION PHASE II REVIEW I-15EEP85-BATC...

22 0 0

the machine to vend Sanitary napkins each at a time  
by spring mechanism:  
Servo Motor Rest Position = 0  
Servo Motor Target Position = 360  
Servo Motor Detach Time = 2sec  
Diameter of Helical Spring = 5cm  
Width of the compartment = 9.5cm  
as width of Sanitary napkin = 10cm  
Hence to control the speed of motor =  $\frac{\text{Target Position}}{\text{Detach Time}}$   
To accommodate 8 sanitary napkin pitch of Helical spring = 16cm  
Hence for 1 Napkin =  $\frac{16}{8} = 2\text{cm}$   
Thickness of sanitary pad = 0.8cm

Flow rate

$A = 2.75 \text{ m}^2$   
 $V = 2.75 \times 3 = 8.25 \text{ cm}$   
 $V = 0.0825 \text{ m}^3$   
Where,  
Q = flow rate  
V = volume of the required area to flow

Volume = L x W x H  
= A x H  
W = 3 cm  
H = 2 cm

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

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

06:51 / 37:28

### Internship Evaluation:



EE - VIII Sem - 23/4/2020 - Internship Training Evaluation - 15EE84 - Sowparni...

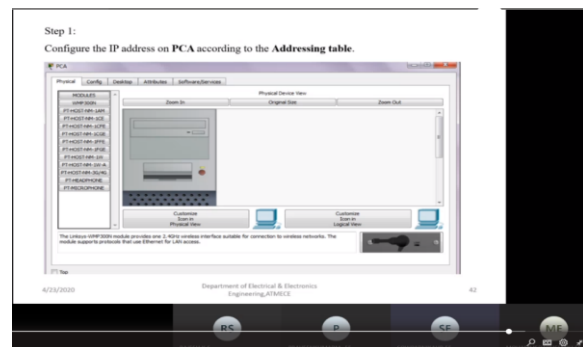
5 0 0

Internship/Professional Practice  
(15EE84) Evaluation

2020-04-23 08:46 UTC

Recorded by RAJESH K S Organized by RAJESH K S Channel General

00:00 / 22:10

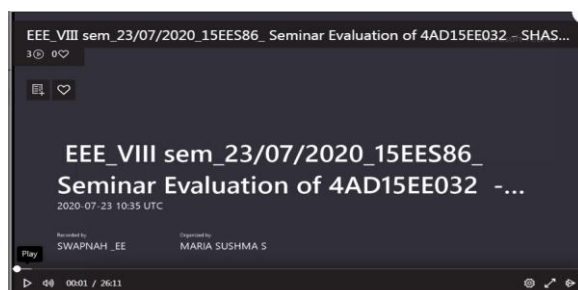


Step 1:  
Configure the IP address on PCA according to the Addressing table.

Physical Device View

4/22/2020 Department of Electrical & Electronics Engineering, ATMECE

### Seminar Evaluation



EEE\_VIII sem\_23/07/2020\_15EES86\_Seminar Evaluation of 4AD15EE032 - SHAS...

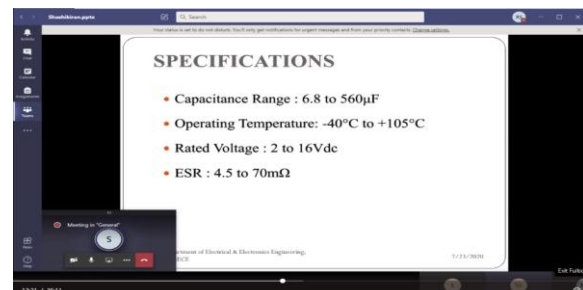
3 0 0

EEE\_VIII sem\_23/07/2020\_15EES86  
Seminar Evaluation of 4AD15EE032 - ...

2020-07-23 10:35 UTC

Recorded by SWAPNAH\_EE Organized by MARIA SUSHMA S

00:01 / 26:11



SPECIFICATIONS

- Capacitance Range : 6.8 to 560µF
- Operating Temperature: -40°C to +105°C
- Rated Voltage : 2 to 16Vdc
- ESR : 4.5 to 70mΩ

Department of Electrical & Electronics Engineering, ATMECE

7/23/2020

## Department of Electrical and Electronics Engineering

### 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	15EE81	Mr. Shreeshayana R	M4	<a href="https://web.microsoftstream.com/video/ab792cfc-fed6-4630-b103-8a1b18f6d791">https://web.microsoftstream.com/video/ab792cfc-fed6-4630-b103-8a1b18f6d791</a>
IDA	15EE82	Mr.Praveen Kumar M	M4	<a href="https://web.microsoftstream.com/video/3e3ca9a0-f5ce-45ad-b495-b7c8ba5961e5">https://web.microsoftstream.com/video/3e3ca9a0-f5ce-45ad-b495-b7c8ba5961e5</a>
IDG	15EE833	Mr.Raghavendra L	M4	<a href="https://web.microsoftstream.com/video/3674cfe8-c13b-4ed1-9727-3e15f18392d7">https://web.microsoftstream.com/video/3674cfe8-c13b-4ed1-9727-3e15f18392d7</a>

**VI Semester:**

Course	Code	Faculty	Module	Link of AV files
CS	17EE61	Mr.Rajesh K S	M4	<a href="https://web.microsoftstream.com/video/e7ecc490-1979-4774-b3a4-3b04a948f63f">https://web.microsoftstream.com/video/e7ecc490-1979-4774-b3a4-3b04a948f63f</a>
PSA-I	17EE62	Mr.Praveen Kumar M	M4	<a href="https://web.microsoftstream.com/video/f9e525df-863b-42b4-89f8-db24c3d7c5e0">https://web.microsoftstream.com/video/f9e525df-863b-42b4-89f8-db24c3d7c5e0</a>
S&T	17EE662	Mr.Sathish K R	M5	<a href="https://web.microsoftstream.com/video/27fcfb1c-9c08-4d4a-b83f-954b094b860e">https://web.microsoftstream.com/video/27fcfb1c-9c08-4d4a-b83f-954b094b860e</a>
S&S	17EE63	Ms.Swapna H	M3	<a href="https://web.microsoftstream.com/video/75a07a11-2d39-442d-9f6e-6929b0f46abf">https://web.microsoftstream.com/video/75a07a11-2d39-442d-9f6e-6929b0f46abf</a>

**IV Semester:**

Course	Code	Faculty	Module	Link of AV files
EM	18EE44	Mrs.Maria Sushma S	4	<a href="https://web.microsoftstream.com/video/4fc31c11-c6fb-4634-b00d-1882c21123e5">https://web.microsoftstream.com/video/4fc31c11-c6fb-4634-b00d-1882c21123e5</a>
EFT	18EE45	Mr.Vinod Kumar P	5	<a href="https://web.microsoftstream.com/video/5447fed9-256d-48b7-b0df-324bbaf8a3b3">https://web.microsoftstream.com/video/5447fed9-256d-48b7-b0df-324bbaf8a3b3</a>

**II Semester:**

Course	Code	Faculty	Module	Link of AV files
BEE	18ELE23	Mrs.Lakshmi K	2	<a href="https://web.microsoftstream.com/video/7243d80b-0bec-4863-afef-e92f8e38d2d0">https://web.microsoftstream.com/video/7243d80b-0bec-4863-afef-e92f8e38d2d0</a>

**Department of Electrical and Electronics Engineering**

**2020-2021[ODD Semester]**

Course	Code	Faculty	Module	Link of AV files
HVE	17EE73	Mr.Shreeshayana R	1	<a href="https://web.microsoftstream.com/video/0a32f89b-c050-4d6e-a070-9477b229e988">https://web.microsoftstream.com/video/0a32f89b-c050-4d6e-a070-9477b229e988</a>
MC	18EE52		1	<a href="https://web.microsoftstream.com/video/e4391a3e-d930-4ad5-98b0-58b065da17366">https://web.microsoftstream.com/video/e4391a3e-d930-4ad5-98b0-58b065da17366</a>

Course	Code	Faculty	Module	Link of AV files
AEC	18EE34	Mr.Rajesh K S	1	<a href="https://web.microsoftstream.com/video/262db739-b28c-49bb-80d4-f984101c13fb">https://web.microsoftstream.com/video/262db739-b28c-49bb-80d4-f984101c13fb</a>

**2020-2021[Even Semester]**

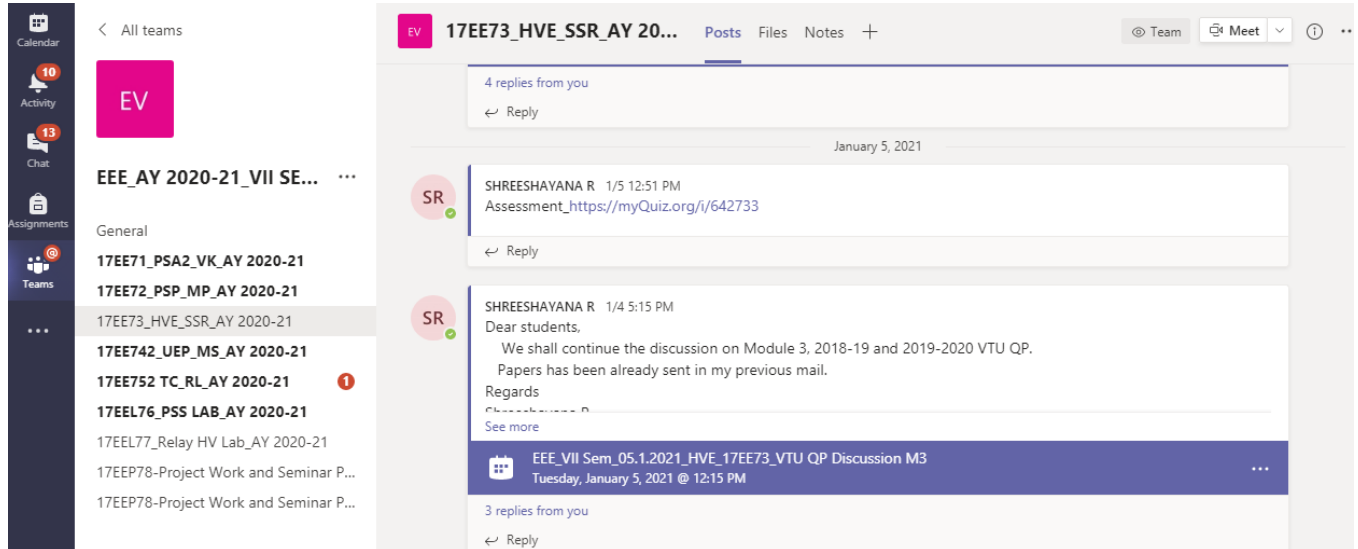
Course	Code	Faculty	Module	Link of AV files
PSA-1	18EE62	Dr.Shakunthala C	1	<a href="https://web.microsoftstream.com/video/4a917fd7-cd32-4767-83cc-4487a799472f">https://web.microsoftstream.com/video/4a917fd7-cd32-4767-83cc-4487a799472f</a>



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

## Department of Electrical and Electronics Engineering

### MS Teams Channel Screenshot



**EV** 17EE73\_HVE\_SSR\_AY 2020-21

4 replies from you

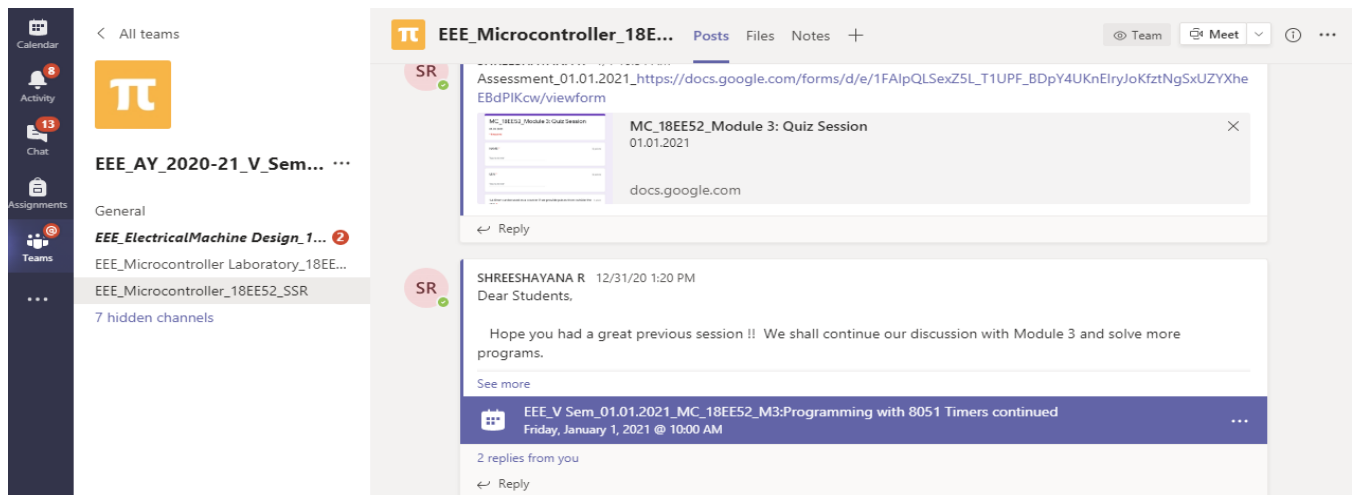
January 5, 2021

**SR** SHREESHAYANA R 1/5 12:51 PM  
Assessment <https://myQuiz.org/i/642733>

**SR** SHREESHAYANA R 1/4 5:15 PM  
Dear students,  
We shall continue the discussion on Module 3, 2018-19 and 2019-2020 VTU QP. Papers has been already sent in my previous mail.  
Regards  
Shreeshayana R  
See more

EEE\_VII Sem\_05.1.2021\_HVE\_17EE73\_VTU QP Discussion M3  
Tuesday, January 5, 2021 @ 12:15 PM

3 replies from you



**π** EEE\_Microcontroller\_18EE52\_SSR

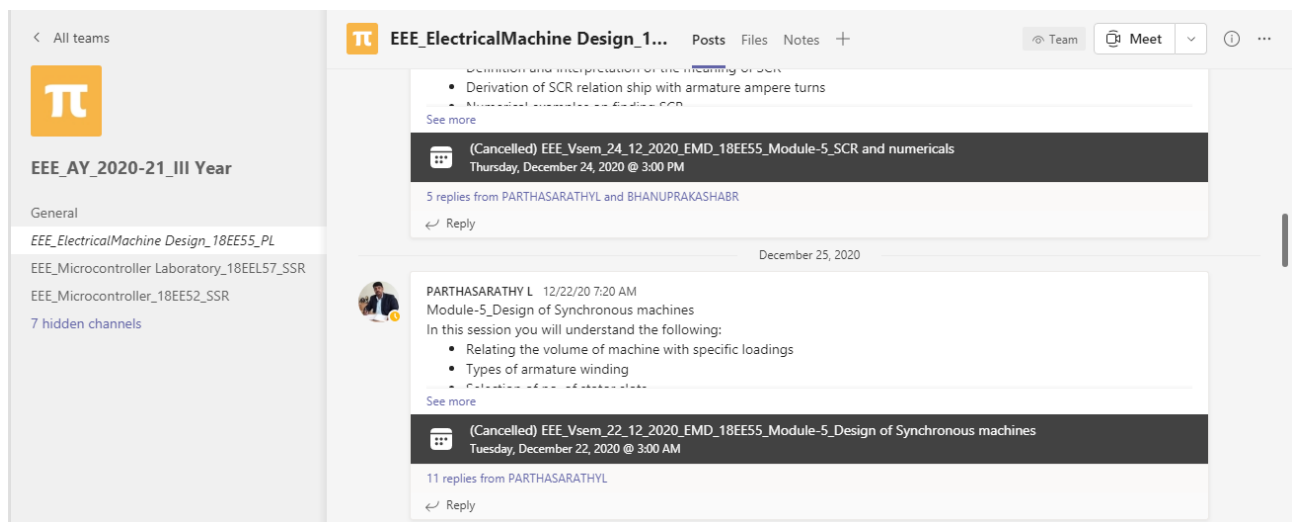
Assessment\_01.01.2021 [https://docs.google.com/forms/d/e/1FAIpQLSexZ5L\\_T1UPF\\_BDpY4UKnElyJoKfztNgSxUZyXheEBdPIKcw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSexZ5L_T1UPF_BDpY4UKnElyJoKfztNgSxUZyXheEBdPIKcw/viewform)

MC\_18EE52\_Module 3: Quiz Session  
01.01.2021  
docs.google.com

**SR** SHREESHAYANA R 12/31/20 1:20 PM  
Dear Students,  
Hope you had a great previous session !! We shall continue our discussion with Module 3 and solve more programs.  
See more

EEE\_V\_Sem\_01.01.2021\_MC\_18EE52\_M3:Programming with 8051 Timers continued  
Friday, January 1, 2021 @ 10:00 AM

2 replies from you



**π** EEE\_ElectricalMachine Design\_18EE55\_SSR

Definition and interpretation of the meaning of SCR

- Derivation of SCR relation ship with armature ampere turns
- Necessary conditions for the SCR

(Cancelled) EEE\_Vsem\_24\_12\_2020\_EMD\_18EE55\_Module-5\_SCR and numericals  
Thursday, December 24, 2020 @ 3:00 PM

5 replies from PARTHASARATHYL and BHANUPRAKASHABR

December 25, 2020

**PARTHASARATHY L** 12/22/20 7:20 AM  
Module-5\_Design of Synchronous machines  
In this session you will understand the following:

- Relating the volume of machine with specific loadings
- Types of armature winding
- Selection of type of synchronous machine

(Cancelled) EEE\_Vsem\_22\_12\_2020\_EMD\_18EE55\_Module-5\_Design of Synchronous machines  
Tuesday, December 22, 2020 @ 3:00 AM

11 replies from PARTHASARATHYL





## Department of Electrical and Electronics Engineering

< All teams

General

EEE\_AY\_2020-21\_III Year

General

EEE\_Microcontroller\_Laboratory\_18EEL57\_SSR

EEE\_Microcontroller\_18EE52\_SSR

8 hidden channels

General

Reply

March 20, 2021

SWAPNA H 3/20 3:17 PM

@VI Semester Students, PFA of the Mini Projects Groups List Finalized by the Department for your reference

VI Sem Mini Project Groups List.pdf

Reply

March 24, 2021

SWAPNA H 3/24 9:54 AM

@VI Sem Students, PFA of the Mini Project Groups with Guide Allotment List. You are informed to meet your respective Guides Finalize the Project Topic and submit the synopsis

VI Sem Mini Project Groups Guide Allotment List.pdf

Reply

March 30, 2021

SWAPNA H 3/30 11:07 AM

@VI Semester students, PFA of the latest circular updated by VTU w.r.t Professional & Open Electives

New conversation

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Professor and HOD  
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# **Power Point Presentation**

**Department of Electrical and Electronics Engineering**

**Sample PPT Screenshots**

**Course: Control System**

Course Code:17EE61

Course Coordinator: Mr.Rajesh K S

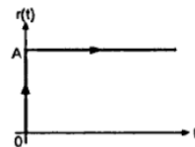
Module:3

**Control Systems - 17EE61**  
**Module 3: Time Domain Analysis and RH**  
**Criterion**

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

**Standard Test Signals**

- Step Input (Position Function):** Sudden application of input at a specified time.



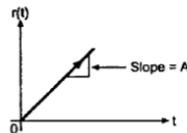
Mathematically it can be described as,

$$r(t) = \begin{cases} A & \text{for } t \geq 0 \\ 0 & \text{for } t < 0 \end{cases}$$

If  $A = 1$ , then it is called **unit step function** and denoted by  $u(t)$ .

Laplace transform of such input is  $\frac{A}{s}$ .


- Ramp Input (Velocity function):** Constant rate of change of input.



Magnitude of Ramp input is nothing but its slope. Mathematically it is defined as,

$$r(t) = \begin{cases} At & \text{for } t \geq 0 \\ 0 & \text{for } t < 0 \end{cases}$$

If  $A = 1$ , it is called **Unit Ramp input**. It is denoted as  $r(t)$ . Its Laplace transform is  $\frac{A}{s^2}$ .

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

Department of Electrical and Electronics Engineering

Course: Signals & Systems

Course Code:17EE63

Course Coordinator: Ms.Swapna H

Module:4

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

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

Dept.Of EEE, ATME College of Engineering, Mysuru

1

Q.2: A digital low pass filter is required to meet the following specifications:

- a) Passband ripple :  $\leq 1$  dB
- b) Passband edge frequency:  $0.33\pi$  rad
- c) Stopband attenuation  $\geq 40$  dB
- d) Stopband Edge frequency:  $0.5\pi$  rad

Determine the order, N of Butterworth and Chebyshev filters

- a) Soln: Magnitude frequency response of the specified low pass filter

$$K_P = -1 \text{ dB}, \quad \omega_P = 0.33\pi \text{ rad}$$

$$K_S = -40 \text{ dB}, \quad \omega_S = 0.5\pi \text{ rad}$$

$$\Omega'_P = \frac{2}{T} \tan\left(\frac{\omega_P}{2}\right) = \frac{2}{1} \tan\left(\frac{0.33\pi}{2}\right) = 1.1408 \text{ rad/sec}$$

$$\Omega'_S = \frac{2}{T} \tan\left(\frac{\omega_S}{2}\right) = \frac{2}{1} \tan\left(\frac{0.5\pi}{2}\right) = 2 \text{ rad/sec}$$

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10



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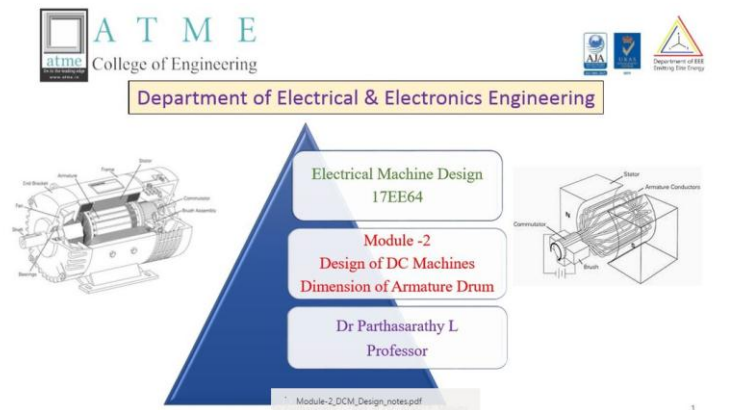
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### Course: Electrical Machine Design

Course Code:18EE64

Course Coordinator: Dr.Parthasarathy L

Module:2



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Department of Electrical & Electronics Engineering

Electrical Machine Design  
17EE64

Module -2  
Design of DC Machines  
Dimension of Armature Drum

Dr Parthasarathy L  
Professor

Module-2\_DCM\_Design\_notes.pdf

### Design of DC Machines - I

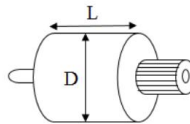
**Pre-requisites:**

- Constructional parts of DC machine
- Role of armature
- Role of Field system
- Role of Commutator & brushes



**Objectives:**

- Dimensions of the Armature
- Design of Armature slot
- Design of Field system
- Design of Commutator & brushes



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



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

**Department of Electrical and Electronics Engineering**

**Course: Basic Electrical Engineering Lab**

Course Code:18ELE17

Course Coordinator: Mr.Mohan M

Experiment:7



**AY : 2019-20**

**Course- Basic Electrical Engineering Lab**

**Measurement of Earth Resistance**

Prepared By

Mr. Mohan

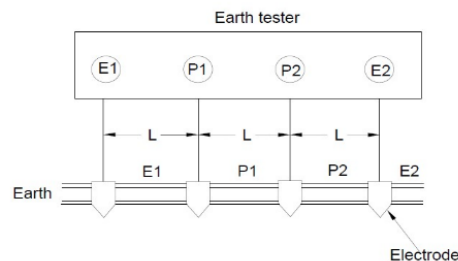
Assistant Professor

Dept. of EEE, ATMECE

Dept. of EEE,ATMECE

Typical Value of Earth Resistivity (in Ohm-meter)

Sea Water	Swampy Ground	Dry Earth	Pure Slate	Sand	Sandstone	Dry Concrete
0.01-1.0	10-100	1000	100-10 <sup>7</sup>	500-5,000	1-10 <sup>8</sup>	2,000-10,000



schematic for 4-terminal resistivity measurement

Dept. of EEE,ATMECE



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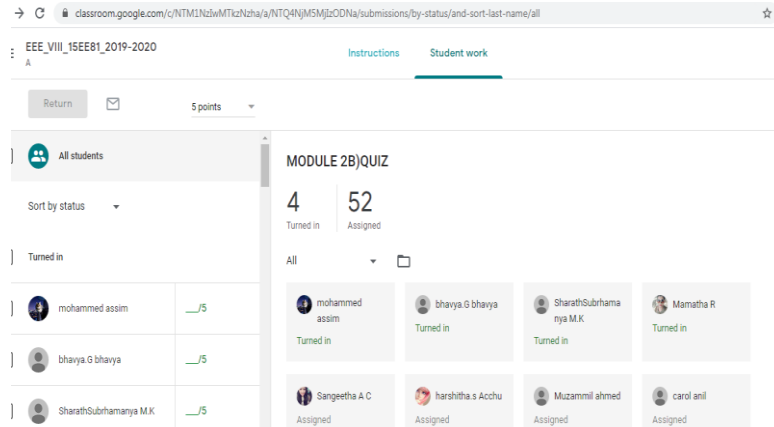
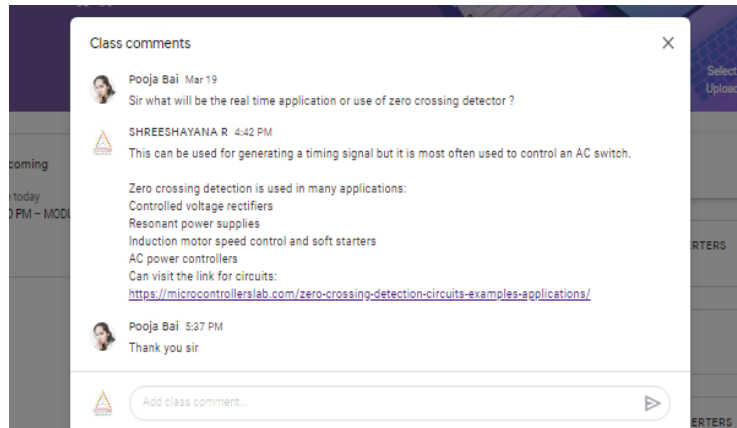
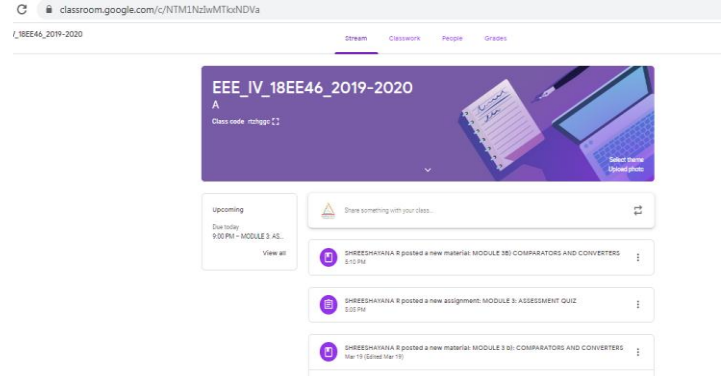
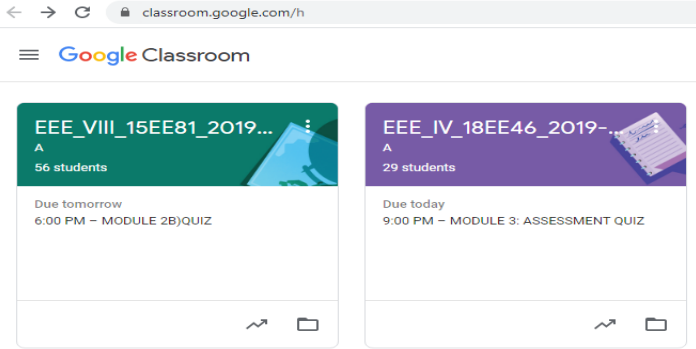
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**Google Classroom**



## Department of Electrical and Electronics Engineering

### Google Classroom Screenshots



*Par*

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### Sample Links for Google Classroom

Semester	Course Code & Course Name	Course Coordinator	Topics	Available Document	Platform	Link
4 <sup>th</sup>	18EE42-PGE	Ms. Swapna H	Hydro Electric Power Plant	Assignment	Google Classroom	<a href="https://drive.google.com/open?id=1B64fykxRx6uCDkBD8H0vcJ6UPpifFNEfaA AifZZRmIw">https://drive.google.com/open?id=1B64fykxRx6uCDkBD8H0vcJ6UPpifFNEfaA AifZZRmIw</a>
4 <sup>th</sup>	18EE44-EM	Mrs. Maria Sushma S	Concepts of 3 phase Induction motor	AV file	Google classroom	<a href="https://drive.google.com/file/d/11RoLTTzoWOpdFeFKcUxuCPecAiWSHhf/view">https://drive.google.com/file/d/11RoLTTzoWOpdFeFKcUxuCPecAiWSHhf/view</a>
				Evaluation of topics covered	Google classroom	<a href="https://drive.google.com/file/d/1U-O9ZSAZzncBgcsdFNv4FYq6TJiw9--c/view">https://drive.google.com/file/d/1U-O9ZSAZzncBgcsdFNv4FYq6TJiw9--c/view</a> <a href="https://docs.google.com/forms/d/1f1VtzRKz-QL5ichXupKQ1yBVB4asb9Z-nuMCsCrFS7k/edit#responses">https://docs.google.com/forms/d/1f1VtzRKz-QL5ichXupKQ1yBVB4asb9Z-nuMCsCrFS7k/edit#responses</a> <a href="https://docs.google.com/forms/d/1myrmCcxllPH0w1J6-s2bm6GES58iWqJq7zs2p_WUt6s/edit#responses">https://docs.google.com/forms/d/1myrmCcxllPH0w1J6-s2bm6GES58iWqJq7zs2p_WUt6s/edit#responses</a>
4 <sup>th</sup>	18EE45- EFT	Mr. Vinod Kumar P	Laplace & Poisson's equation	AV file Google slides Assignment	Google classroom	<a href="https://drive.google.com/open?id=0B2K1h3lvh4Nrf1YxVXhIbnZKMXFWRVdaUkdVNWdHLV14WEJtTEV3ZDhjRzhzS2VZT1ZfQUU">https://drive.google.com/open?id=0B2K1h3lvh4Nrf1YxVXhIbnZKMXFWRVdaUkdVNWdHLV14WEJtTEV3ZDhjRzhzS2VZT1ZfQUU</a>
4 <sup>th</sup> A	18EE46-OLIC	Mr. Shreeshayana R	Oscillator Amplitude Stabilisation	AV File Assignment	Google Classroom	<a href="https://drive.google.com/drive/folders/0B0E7xw3qsOkVfnhaWDU5Z01NekJRZk1UaFIOS0NrQmdEdFRtLUNzeDg2YWI1dUh6FRONUK">https://drive.google.com/drive/folders/0B0E7xw3qsOkVfnhaWDU5Z01NekJRZk1UaFIOS0NrQmdEdFRtLUNzeDg2YWI1dUh6FRONUK</a>
			Comparators and ZCD	AV File Assignment	Google Classroom	<a href="https://drive.google.com/drive/folders/0B0E7xw3qsOkVfnhaWDU5Z01NekJRZk1UaFIOS0NrQmdEdFRtLUNzeDg2YWI1dUh6FRONUK?usp=sharing">https://drive.google.com/drive/folders/0B0E7xw3qsOkVfnhaWDU5Z01NekJRZk1UaFIOS0NrQmdEdFRtLUNzeDg2YWI1dUh6FRONUK?usp=sharing</a> <a href="https://docs.google.com/forms/d/e/1FAIpQLSeHT16gED9o1aCMMkYnlfHfq7k6RLnwiehcc1eKyuSmYzsMg/viewform">https://docs.google.com/forms/d/e/1FAIpQLSeHT16gED9o1aCMMkYnlfHfq7k6RLnwiehcc1eKyuSmYzsMg/viewform</a>



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Semester	Course Code & Course Name	Course Coordinator	Topics	Available Document	Platform	Link
4 <sup>th</sup> B	18EE46-OLIC	Mr. Rajesh K S	Sawtooth Wave Generator	AV file Assignment	Google Classroom	<a href="https://drive.google.com/drive/folders/0B0ja62xBJAn6fIZIc3RnNVQtUzRqaXdUaFFLRi1wd2tObFMxeGxnX3hESHNSbHZibWIFT1U?usp=sharing">https://drive.google.com/drive/folders/0B0ja62xBJAn6fIZIc3RnNVQtUzRqaXdUaFFLRi1wd2tObFMxeGxnX3hESHNSbHZibWIFT1U?usp=sharing</a> <a href="https://docs.google.com/forms/d/e/1FAIpQLSeDzGtOCang3ccdSpz666W2EqDDMJuy_2evB8qs23UujY-EHw/viewform">https://docs.google.com/forms/d/e/1FAIpQLSeDzGtOCang3ccdSpz666W2EqDDMJuy_2evB8qs23UujY-EHw/viewform</a>
			Comparators and Zero Crossing Detectors	AV file	Google Classroom	<a href="https://drive.google.com/drive/folders/0B0ja62xBJAn6fIZIc3RnNVQtUzRqaXdUaFFLRi1wd2tObFMxeGxnX3hESHNSbHZibWIFT1U?usp=sharing">https://drive.google.com/drive/folders/0B0ja62xBJAn6fIZIc3RnNVQtUzRqaXdUaFFLRi1wd2tObFMxeGxnX3hESHNSbHZibWIFT1U?usp=sharing</a>
6 <sup>th</sup>	17EE61-CS	Mr. Rajesh K S	Signal Flow Graph	AV file Assignment	Google Classroom	<a href="https://drive.google.com/open?id=0B0ja62xBJAn6fNlNTWFzUFBpTU52WV8zWWZwUGN6RDVvajVmekx6Wk0yd1d3VHNqeUkwZHc">https://drive.google.com/open?id=0B0ja62xBJAn6fNlNTWFzUFBpTU52WV8zWWZwUGN6RDVvajVmekx6Wk0yd1d3VHNqeUkwZHc</a> <a href="https://docs.google.com/forms/d/e/1FAIpQLSdWTAqKCKuder32rR7F-hfKDCQ3FdIB1zvAx_jglMSi-h3kNw/viewform">https://docs.google.com/forms/d/e/1FAIpQLSdWTAqKCKuder32rR7F-hfKDCQ3FdIB1zvAx_jglMSi-h3kNw/viewform</a>
			Mason's Gain Formula	AV file	Google Classroom	<a href="https://drive.google.com/drive/folders/0B0ja62xBJAn6fNlNTWFzUFBpTU52WV8zWWZwUGN6RDVvajVmekx6Wk0yd1d3VHNqeUkwZHc?usp=sharing">https://drive.google.com/drive/folders/0B0ja62xBJAn6fNlNTWFzUFBpTU52WV8zWWZwUGN6RDVvajVmekx6Wk0yd1d3VHNqeUkwZHc?usp=sharing</a>
6 <sup>th</sup>	17EE62-PSA-1	Mr. Praveen Kumar M	Per unit Computation, Transient due To Short Circuit In Transmission Line	Assignment AV file	Google Classroom	<a href="https://drive.google.com/drive/folders/0B_ltVD_KvVlyfmVVOUM2Rm11aE1CcXRYbC16alBRreEF2TjluUWtuUnhxbEITWWtGeW9nVms?authuser=0">https://drive.google.com/drive/folders/0B_ltVD_KvVlyfmVVOUM2Rm11aE1CcXRYbC16alBRreEF2TjluUWtuUnhxbEITWWtGeW9nVms?authuser=0</a>
6 <sup>th</sup>	17EE63-DSP	Ms. Swapna H	Solved Numerical on DIT FFT Algorithm	AV File Assignment	Google Classroom	<a href="https://drive.google.com/open?id=197iszQS8vUWC7pNY8BhCxE4FMJSUsidR">https://drive.google.com/open?id=197iszQS8vUWC7pNY8BhCxE4FMJSUsidR</a>
6 <sup>th</sup>	17EE64-EMD	Dr. Parthasarathy L	Electrical Engineering Materials	Assignment -1 & 2	Google Classroom	<a href="https://drive.google.com/open?id=1Zos43fsHW18TecxHZ1sWNbaCDH8IOVZu3n1l8v_7_E0">https://drive.google.com/open?id=1Zos43fsHW18TecxHZ1sWNbaCDH8IOVZu3n1l8v_7_E0</a> <a href="https://drive.google.com/open?id=1i5IFlCnCXfk2iMi5uIXKstu2ozdvTQMb2Ve8t4N4yn0">https://drive.google.com/open?id=1i5IFlCnCXfk2iMi5uIXKstu2ozdvTQMb2Ve8t4N4yn0</a>



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Semester	Course Code & Course Name	Course Coordinator	Topics	Available Document	Platform	Link
6 <sup>th</sup>	17EE651-CAED	Mrs. Maria Sushma S	DC Winding diagram- Step by step approach	AV file	Google Classroom	<a href="https://drive.google.com/file/d/1Lcf6hfGNMIINd2A0TPunwCWCr4J-3p2B/view">https://drive.google.com/file/d/1Lcf6hfGNMIINd2A0TPunwCWCr4J-3p2B/view</a> <a href="https://drive.google.com/file/d/1H4OuptLxypYakxOFg4izWBsVOX_ewHSt/view">https://drive.google.com/file/d/1H4OuptLxypYakxOFg4izWBsVOX_ewHSt/view</a>
				Evaluation of the topics covered	Google Classroom	<a href="https://docs.google.com/forms/d/1Hcr0Ycl02dUAKFhAg8MRH61YVniSb3GOwAO8W37hOEk/edit#responses">https://docs.google.com/forms/d/1Hcr0Ycl02dUAKFhAg8MRH61YVniSb3GOwAO8W37hOEk/edit#responses</a>
6 <sup>th</sup>	17EE662-S&T	Mr. Sathish K R	Strain Gauge ,Load Cell, Proximity Sensor ,RVDT	AV File Assignment	Google Classroom	<a href="https://docs.google.com/forms/d/1_zF87pYAd3_CNS9iF1VEIReqjmSe6hn_mYh2GmakkBY/edit">https://docs.google.com/forms/d/1_zF87pYAd3_CNS9iF1VEIReqjmSe6hn_mYh2GmakkBY/edit</a>
8 <sup>th</sup>	15EE81-PSOC	Mr. Shreeshayana R		AV File Assignment	Google Classroom	<a href="https://drive.google.com/drive/folders/0B0E7xw3qsOkVfiZSdHNiTIZUdHNFUDVvTmEyY1FxEUmJ2bFZySW9qMDVwY3dpNlhCYi1CV1k">https://drive.google.com/drive/folders/0B0E7xw3qsOkVfiZSdHNiTIZUdHNFUDVvTmEyY1FxEUmJ2bFZySW9qMDVwY3dpNlhCYi1CV1k</a> <a href="https://drive.google.com/drive/folders/0B0E7xw3qsOkVfiZSdHNiTIZUdHNFUDVvTmEyY1FxEUmJ2bFZySW9qMDVwY3dpNlhCYi1CV1k?usp=sharing">https://drive.google.com/drive/folders/0B0E7xw3qsOkVfiZSdHNiTIZUdHNFUDVvTmEyY1FxEUmJ2bFZySW9qMDVwY3dpNlhCYi1CV1k?usp=sharing</a> <a href="https://docs.google.com/forms/d/e/1FAIpQLSf2vF-37LHBqEKG8e1f-kt0w9XNcMUpaJdad5UUGqrsqtOO/viiewform">https://docs.google.com/forms/d/e/1FAIpQLSf2vF-37LHBqEKG8e1f-kt0w9XNcMUpaJdad5UUGqrsqtOO/viiewform</a>
8 <sup>th</sup>	15EE82-IDE	Mr. Praveen Kumar M	Stepper Motor- variable reluctance stepper motor, Permanent Magnet Stepper Motor, Hybrid Stepper Motor	Assignment AV file	Google Classroom	<a href="https://drive.google.com/drive/folders/0B_litVD_KvVIyfkVktG11MmM1SEh5dmpucTBFwJVDUHItemNVRFBTQU1qUUVNZ3lrZVd6WUU">https://drive.google.com/drive/folders/0B_litVD_KvVIyfkVktG11MmM1SEh5dmpucTBFwJVDUHItemNVRFBTQU1qUUVNZ3lrZVd6WUU</a>
2 <sup>nd</sup>	18ELE23-BEE	Mrs. Lakshmi K	Domestic wiring	AV file Google slides Assignment	Google classroom	<a href="https://classroom.google.com/c/NTM4MTE5MzM2OTVa">https://classroom.google.com/c/NTM4MTE5MzM2OTVa</a> <a href="https://classroom.google.com/c/NTM1NjY0NTU5NDVa">https://classroom.google.com/c/NTM1NjY0NTU5NDVa</a>



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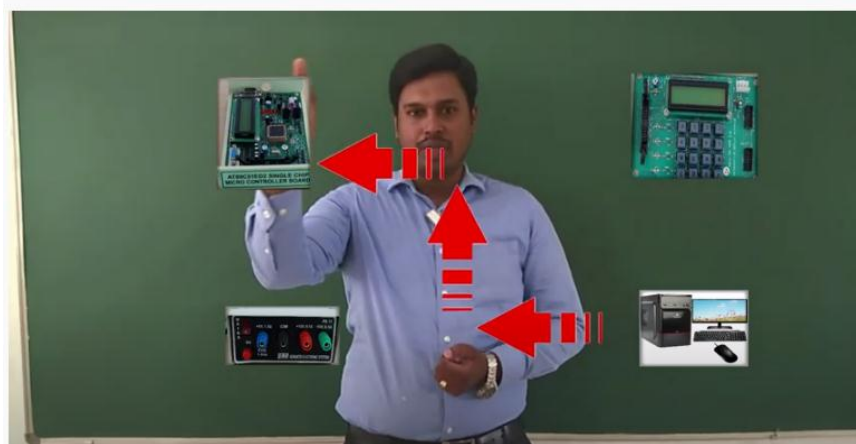
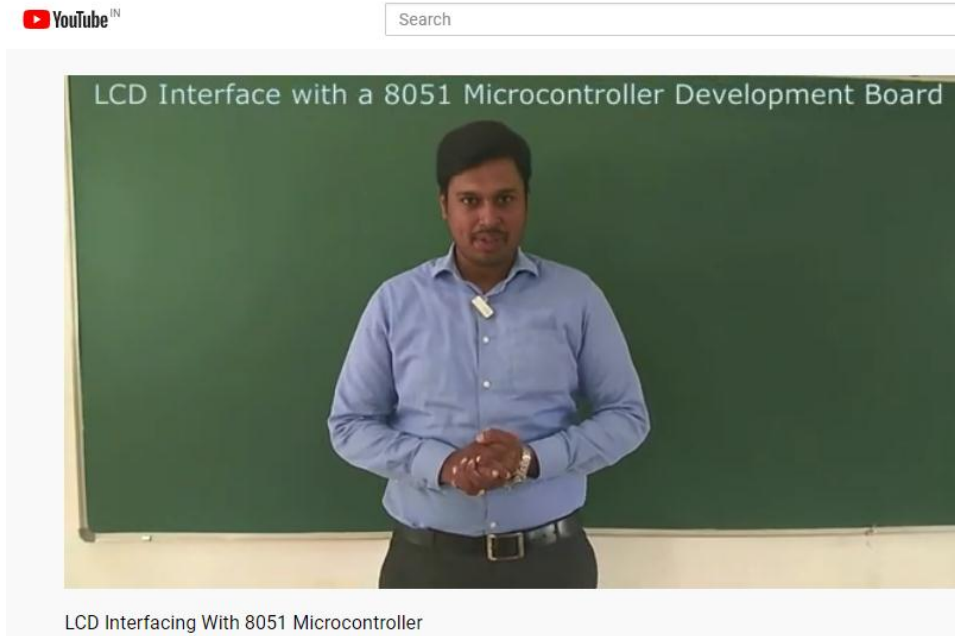
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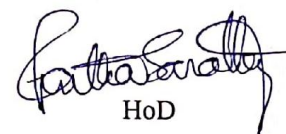
**YouTube**

## Department of Electrical and Electronics Engineering

### YouTube Screenshot



<https://www.youtube.com/watch?v=dSjmTzGUYYS>



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### Sample YouTube Laboratory Videos Link:

Semester	Lab	Course Coordinator	Experiment Name	Link
4th	Electrical Machines Laboratory-2	Mrs. Maria Sushma S Ms. Swapna H	Load test on DC shunt motor	<a href="https://www.youtube.com/watch?v=aYvyVIc6_Nw">https://www.youtube.com/watch?v=aYvyVIc6_Nw</a>
			Test to draw equivalent circuit of 1 phase induction motor	<a href="https://www.youtube.com/watch?v=H-VmHqjox_k">https://www.youtube.com/watch?v=H-VmHqjox_k</a>
			Swinburne's test on DC shunt motor	<a href="https://www.youtube.com/watch?v=qmNTUqzFE_0">https://www.youtube.com/watch?v=qmNTUqzFE_0</a>
4th	Operational Amplifiers & Linear ICs Laboratory	Mr.Shreeshayana R Mr.Rajesh K S	Frequency Response of an Op-amp under Inverting Configuration	<a href="https://www.youtube.com/watch?v=EcOzzdisr2A">https://www.youtube.com/watch?v=EcOzzdisr2A</a>
			Zero Crossing Detector-Inverting Opamp	<a href="https://www.youtube.com/watch?v=xksN2WNcVco">https://www.youtube.com/watch?v=xksN2WNcVco</a>
			Square Wave generator using LM 741 op-amp	<a href="https://www.youtube.com/watch?v=L2VgiD1NnoM&amp;t=11s">https://www.youtube.com/watch?v=L2VgiD1NnoM&amp;t=11s</a>
			Operation of op-amp as an adder circuit	<a href="https://www.youtube.com/watch?v=hQ711A7n-mw">https://www.youtube.com/watch?v=hQ711A7n-mw</a>
			Operation of op-amp as differentiator circuit	<a href="https://www.youtube.com/watch?v=rfAqSX9ik-U">https://www.youtube.com/watch?v=rfAqSX9ik-U</a>
6th	Control System Laboratory	Mr.Rajesh K S and Mr. Raghavendra L	To draw speed torque characteristics of AC servo motor	<a href="https://www.youtube.com/watch?v=jwiqmdO3FCA&amp;t=10s">https://www.youtube.com/watch?v=jwiqmdO3FCA&amp;t=10s</a>
			To draw speed torque characteristics of DC servo motor	<a href="https://www.youtube.com/watch?v=zYMY7hT_jwk">https://www.youtube.com/watch?v=zYMY7hT_jwk</a>
			To draw synchro pair characteristics	<a href="https://www.youtube.com/watch?v=fyvrFt7EjVM">https://www.youtube.com/watch?v=fyvrFt7EjVM</a>
			To determine frequency response of a second order system	<a href="https://www.youtube.com/watch?v=Gbg8kbXZ_iU">https://www.youtube.com/watch?v=Gbg8kbXZ_iU</a>
6 <sup>th</sup>	Digital Signal	Mr. Vinod Kumar P Mr.Shreeshayana R	Impulse response of a System	<a href="https://www.youtube.com/watch?v=aarjB3a3-qw&amp;feature=youtu.be">https://www.youtube.com/watch?v=aarjB3a3-qw&amp;feature=youtu.be</a>



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	Processing		Linear Convolution of a sequence	<a href="https://www.youtube.com/watch?v=zeafdeRYePM">https://www.youtube.com/watch?v=zeafdeRYePM</a>
			Verification of Sampling Theorem	<a href="https://www.youtube.com/watch?v=CAkfXn27UJ4">https://www.youtube.com/watch?v=CAkfXn27UJ4</a>
			Introduction to OCTAVE –tool	<a href="https://www.youtube.com/watch?v=J7uTWdr056E">https://www.youtube.com/watch?v=J7uTWdr056E</a>

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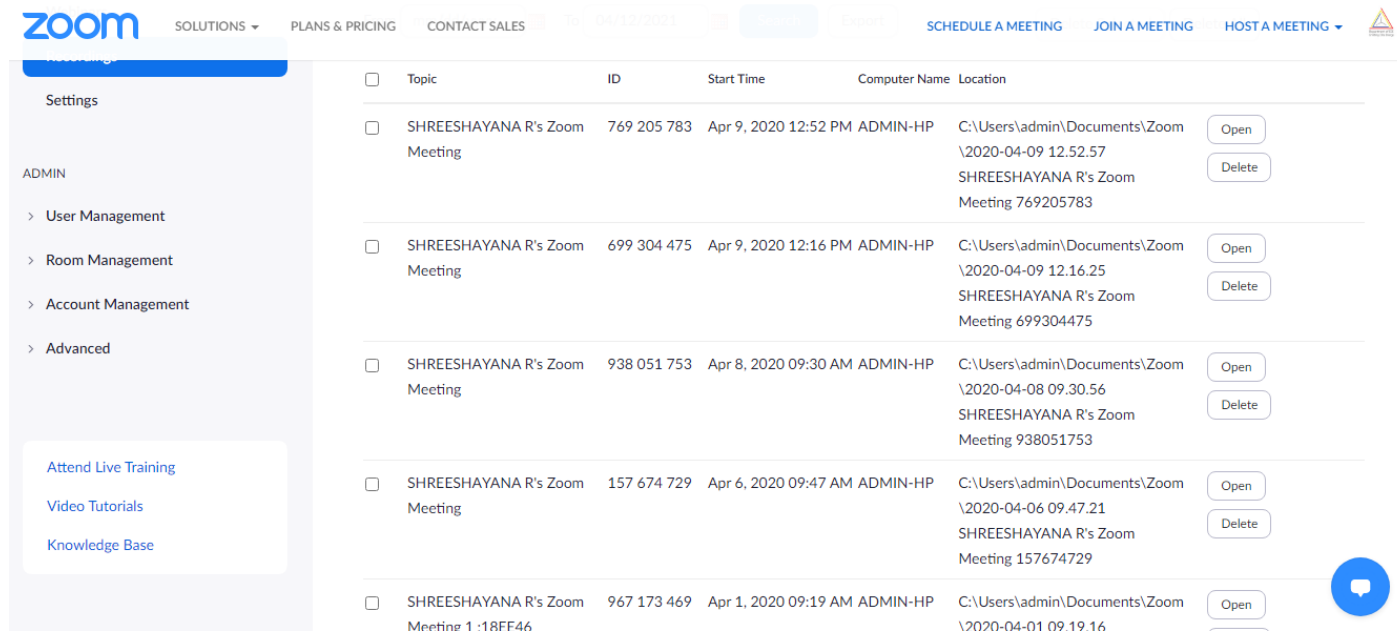
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**Zoom**



**Department of Electrical and Electronics Engineering**

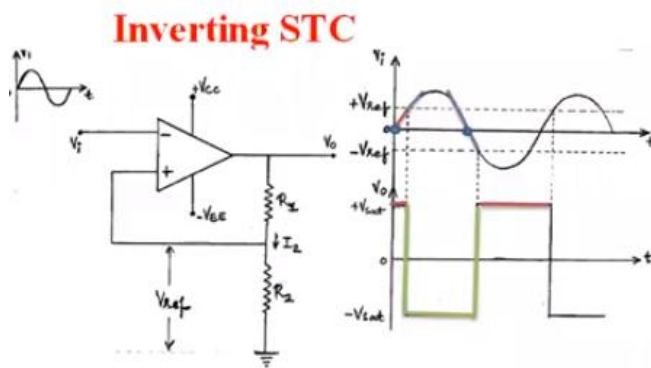
**Zoom Sample Screenshot**



The screenshot shows the Zoom Meeting Management interface. On the left is a navigation menu with options like 'Settings', 'ADMIN', 'User Management', 'Room Management', 'Account Management', and 'Advanced'. The main area displays a table of meetings with columns for Topic, ID, Start Time, Computer Name, and Location. Each row includes 'Open' and 'Delete' buttons.

Topic	ID	Start Time	Computer Name	Location
SHREESHAYANA R's Zoom Meeting	769 205 783	Apr 9, 2020 12:52 PM	ADMIN-HP	C:\Users\admin\Documents\Zoom\2020-04-09 12.52.57 SHREESHAYANA R's Zoom Meeting 769205783
SHREESHAYANA R's Zoom Meeting	699 304 475	Apr 9, 2020 12:16 PM	ADMIN-HP	C:\Users\admin\Documents\Zoom\2020-04-09 12.16.25 SHREESHAYANA R's Zoom Meeting 699304475
SHREESHAYANA R's Zoom Meeting	938 051 753	Apr 8, 2020 09:30 AM	ADMIN-HP	C:\Users\admin\Documents\Zoom\2020-04-08 09.30.56 SHREESHAYANA R's Zoom Meeting 938051753
SHREESHAYANA R's Zoom Meeting	157 674 729	Apr 6, 2020 09:47 AM	ADMIN-HP	C:\Users\admin\Documents\Zoom\2020-04-06 09.47.21 SHREESHAYANA R's Zoom Meeting 157674729
SHREESHAYANA R's Zoom Meeting 1 :18FF46	967 173 469	Apr 1, 2020 09:19 AM	ADMIN-HP	C:\Users\admin\Documents\Zoom\2020-04-01 09.19.16

**INVERTING SCHMITT TRIGGER CIRCUIT**



**Figure: Inverting Schmitt Trigger Circuit**

**Step 1:  $V_i = 0V$ ,  $V_o = +V_{sat}$**

**Step 2:  $V_i > +V_{ref}$ ,  $V_o \rightarrow +V_{sat}$  to  $-V_{sat}$**

**Step 3:  $V_i < -V_{ref}$ ,  $V_o = -V_{sat}$**

**Step 4:  $V_i = -V_{ref}$ ,  $V_o \rightarrow -V_{sat}$  to  $+V_{sat}$**

$$+V_{ref} = V_o \times R_2 / (R_1 + R_2)$$

$$-V_{ref} = V_o \times R_2 / (R_1 + R_2)$$

$$V_o \rightarrow +V_{sat}$$

$$V_o \rightarrow -V_{sat}$$




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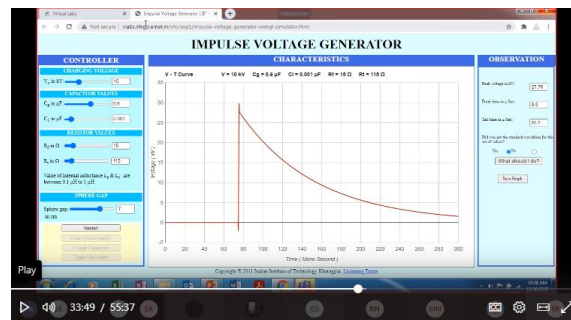
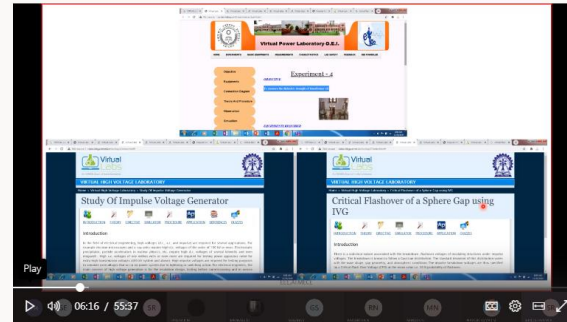
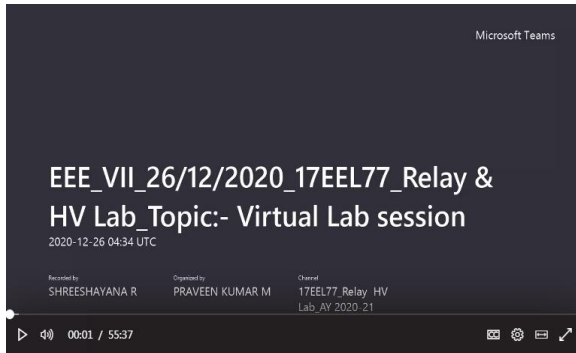
**Department of Electrical and Electronics Engineering**

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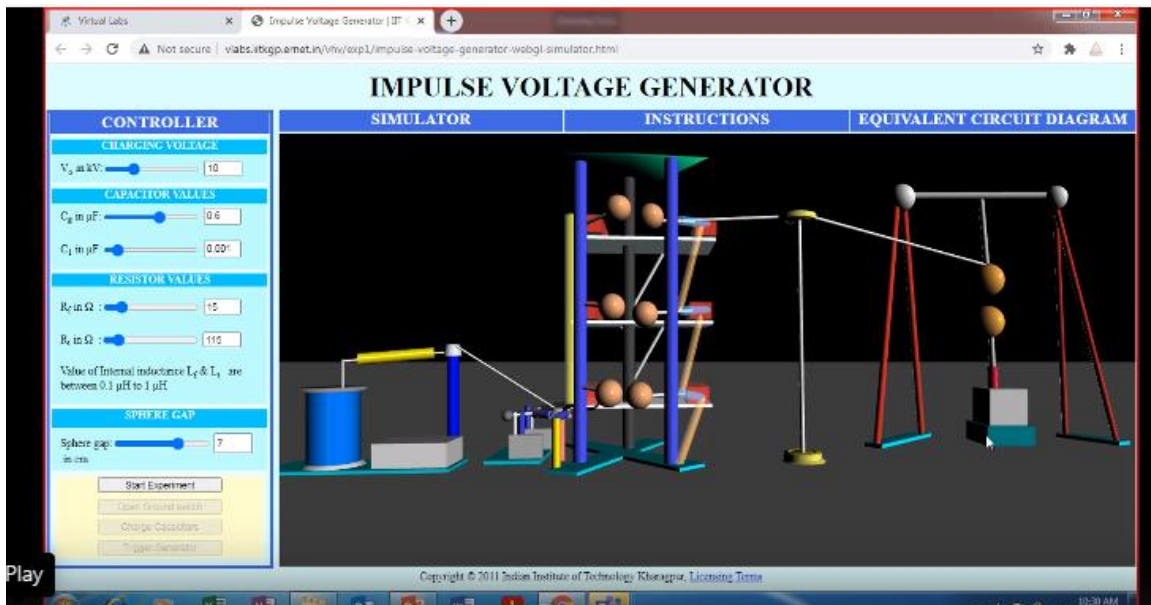
**Virtual Labs**

## Department of Electrical and Electronics Engineering

### Virtual Lab Screenshot



### VIRTUAL Lab: Relay and HV Lab



## Department of Electrical and Electronics Engineering

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 HUZAF  
(4AD17EE022)

SIMRAH FATHIMA  
(4AD17EE034)

SYED RAWOOFUR RAHMAN  
(4AD17EE038)

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



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

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:

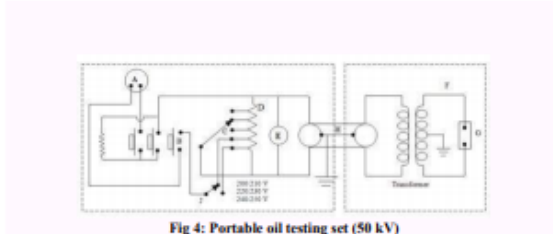


Fig 4: Portable oil testing set (50 kV)

- 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.

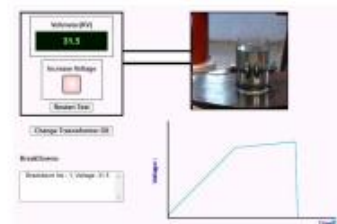
2. The control unit is connected to supply voltage taking care that the earth connections are effective.
3. The multiple point control switch is set at its lowest tapping.
4. The push button on control unit is pressed firmly for at least 5 seconds. Note that no Breakdown to occurs, in which case button 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

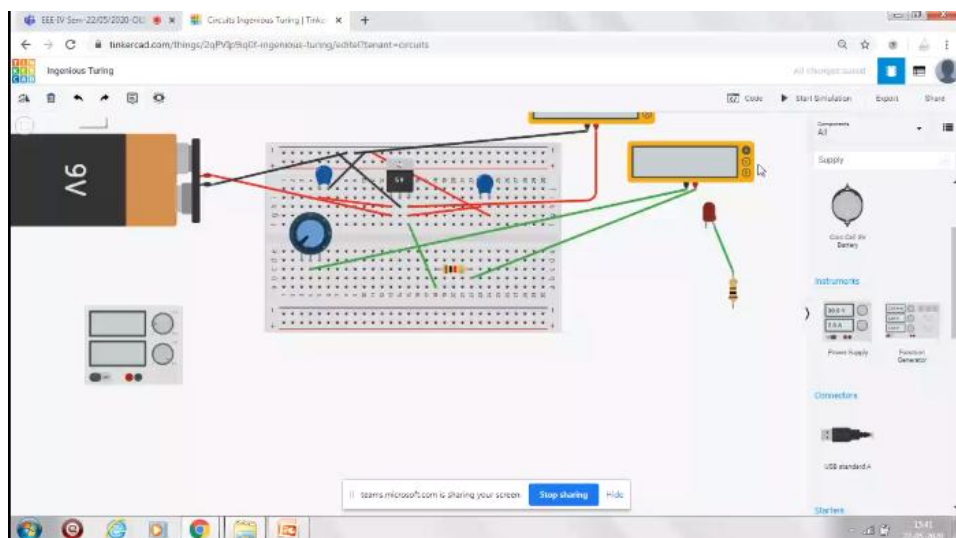
### Simulation:

#### Trial 1:



Virtual Lab Experiment using simulation tools are conducted:

### OLIC Lab:Tinked CAD



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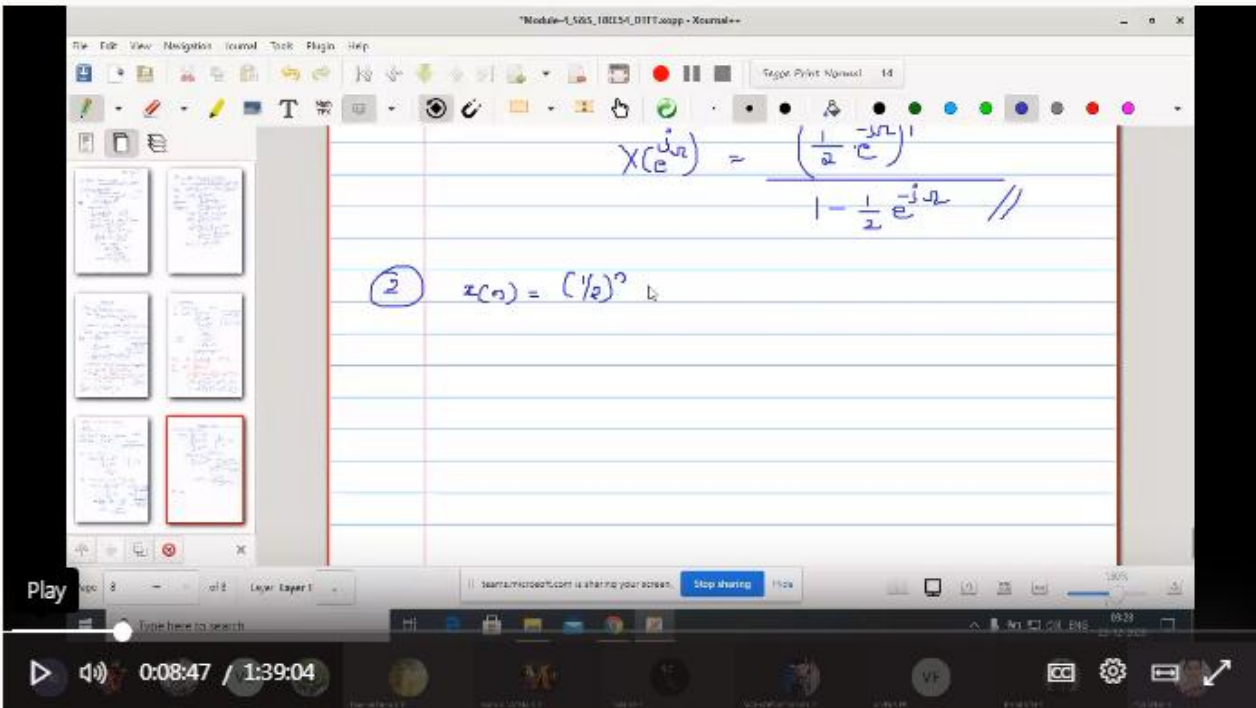
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**WACOM Writing Pad**

## Department of Electrical and Electronics Engineering

WACOM Writing Pad is utilised to explain Numerical oriented courses




The screenshot shows a video player displaying a Wacom Writing Pad interface. The pad contains handwritten mathematical equations in blue ink. The top equation is  $X(e^{j\omega}) = \frac{(\frac{1}{2}e^{-j\omega})^1}{1 - \frac{1}{2}e^{-j\omega}}$ . Below it, a circled '2' is followed by  $x(n) = (\frac{1}{2})^n$ . The video player interface includes a play button, a progress bar showing 0:08:47 / 1:39:04, and a search bar. Below the video, the details section shows the video title '18EE54\_V-Sem-Signals & Systems\_Session-44\_23\_12\_2020', published on 23-12-2020 by SWAPNA H, with 5 views and 0 likes.

Details



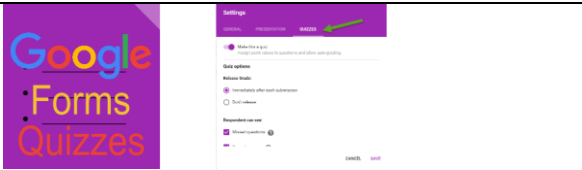
18EE54\_V-Sem-Signals & Systems\_Session-44\_23\_12\_2020  
Published on 23-12-2020 by SWAPNA H Company 5 0

<https://web.microsoftstream.com/video/cfd3e55a-69dd-427a-841a-b9cadf36ac2d>



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Assessment	
Student Response System	
MS Team Form Quiz	
Google Forms Quiz	





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# Student Response System

## Department of Electrical and Electronics Engineering

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: Electromagnetic Field Theory**

16-May-19

Session Name: Current Session

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

Active Participants: 44 of 44

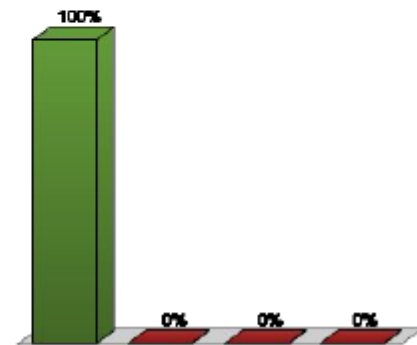
Average Score: 70.00%

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
<b>Totals</b>	<b>100%</b>	<b>44</b>




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**Course : Power Electronics**

**Course Code:17EE53**



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**Department of Electrical and Electronics Engineering**  
**Evaluation of Module 3: Power Thyristor**

Course		
Power Electronics (17E53)		
Date Created	Active Participants	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		
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%



ICT T



Sample screenshot



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**MS Team Form Quiz**



Department of Electrical and Electronics Engineering

Sample Response Form

APTITUDE ASSESSMENT 1, VII  
SEMESTER\_AY 2020-21\_ 9/9/2020  
(EEE\_AY 2020-21\_VII SEMESTER)

Trains, Boats and Streams

\* Required

\* This form will record your name, please fill your name.

1. Name \*

2. USN \*

3. A train crosses a pole in 20 sec. If the length of train is 500 meters, what is the speed of the train? \*  
(1 Point)

- 27 m/s  
 20 m/s  
 25 m/s  
 30 m/s

4. A tourist covers half of his journey by train at 60 km/h, half of the remainder by bus at 30 km/h and the rest by cycle at 10 km/h. The average speed of the tourist in km/h during his entire journey is \*  
(1 Point)

- 36  
 30  
 24  
 18

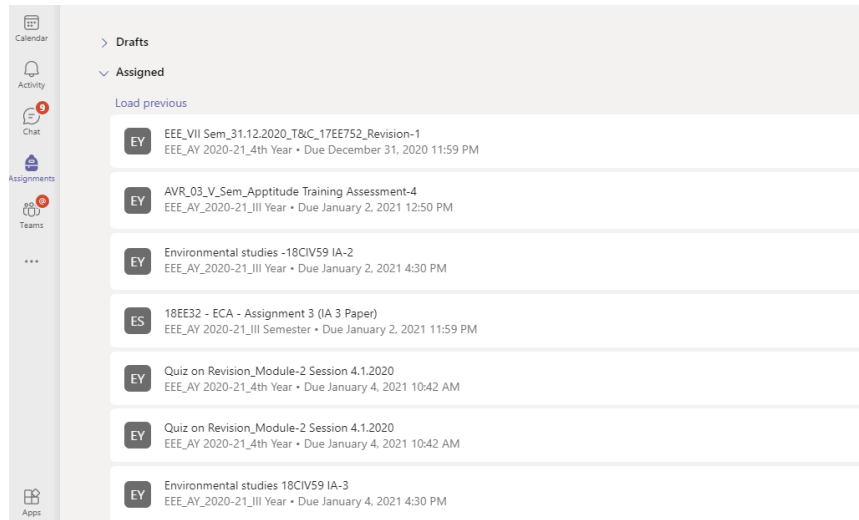
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### Response Evaluation

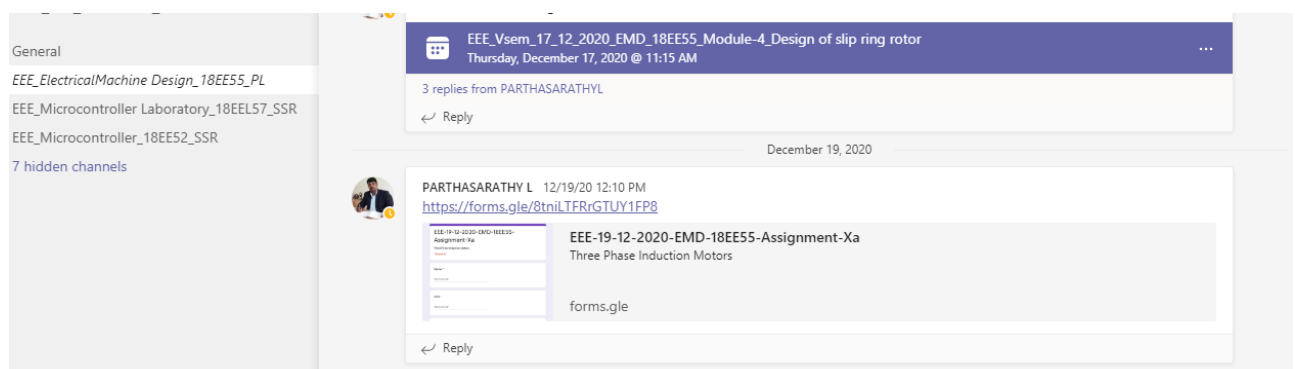
ID	Start time	Completion time	Email	Name	Total points	Grade posted time	Name2	USN	A boatma
1	9/9/20 20:09:19	9/9/20 20:31:52	MOHAMEDFARIS_3EE	MOHAMEDFARIS EE	8	9/16/20 16:32:59	Mohamed Faris	4ad17ee021	1 km/h
2	9/9/20 20:03:06	9/9/20 20:31:57	DEEPTHIM_3EE@atm	DEEPTHIM EE	6	9/16/20 16:32:59	Deepthi M	4AD17EE008	1 km/h
3	9/9/20 21:46:32	9/9/20 22:28:00	RAMYASHREES_3EE@	RAMYASHREES EE	8	9/16/20 16:32:59	Ramyashree. S	4AD17EE029	1 km/h
4	9/9/20 22:10:54	9/9/20 22:28:05	SMITHAMP_3EE@atr	SMITHAMP EE	8	9/16/20 16:32:59	smitha m p	4AD18EE411	1 km/h
5	9/9/20 22:37:04	9/9/20 22:41:09	SUPRITHAR_3EE@atr	SUPRITHAR EE	8	9/16/20 16:32:59	Supritha R	4ad17ee036	1 km/h
6	9/9/20 22:42:25	9/9/20 22:45:29	SOWMYAMN_3EE@a	SOWMYAMN EE	8	9/16/20 16:33:02	Sowmya M N	4AD17EE035	1 km/h
7	9/9/20 23:12:08	9/9/20 23:14:26	TASMIYADOUHA_3EE	TASMIYADOUHA EE	8	9/16/20 16:33:02	Tasmiya Douha	4AD17EE039	1 km/h
8	9/10/20 4:28:59	9/10/20 4:33:27	IMPANASG_3EE@atr	IMPANASG EE	8	9/16/20 16:33:02	Impana S G	4AD18EE401	1 km/h
9	9/10/20 8:36:32	9/10/20 8:41:36	SAHANAB_3EE@atm	SAHANAB EE	8	9/16/20 16:33:02	Sahana B	4AD17EE031	1 km/h
10	9/10/20 10:10:30	9/10/20 10:10:37	DHANYATHAM_3EE@	DHANYATHAM EE	8	9/16/20 16:33:02	Dhanyatha M	4AD17EE009	1 km/h
11	9/10/20 10:29:36	9/10/20 10:43:02	VIKASMV_3EE@atme	VIKASMV EE	7	9/16/20 16:33:02	Vikas M V	4AD17EE042	1 km/h
12	9/10/20 11:01:51	9/10/20 11:06:04	RAVISHANKARYK_3EE	RAVISHANKARYK EE	2	9/16/20 16:33:02	Ravishankar y k	4ad18ee407	1 km/h
13	9/10/20 13:26:31	9/10/20 13:31:04	ASHWINICR_3EE@at	ASHWINICR EE	8	9/16/20 16:33:03	Ashwini C R	4AD17EE005	1 km/h
14	9/10/20 13:12:36	9/10/20 13:31:49	ASHWINIDS_3EE@at	ASHWINIDS EE	8	9/16/20 16:33:03	ASHWINI DS	4AD17EE006	1 km/h
15	9/10/20 13:36:34	9/10/20 13:40:10	VARUNA_3EE@atme	VARUNA EE	8	9/16/20 16:33:03	Varun A	4AD17EE040	1 km/h
16	9/10/20 13:38:38	9/10/20 13:43:37	ROHITHKP_3EE@atm	ROHITHKP EE	8	9/16/20 16:33:03	Rohith k p	4AD18EE408	1 km/h
17	9/10/20 13:55:25	9/10/20 13:57:48	GAGANAS_3EE@atm	GAGANAS EE	8	9/16/20 16:33:03	Gagana S	4AD17EE011	1 km/h
18	9/10/20 13:41:25	9/10/20 14:05:03	BINDHUV_3EE@atm	BINDHUV EE	8	9/16/20 16:33:03	Bindhu V	4AD15EE006	1 km/h
19	9/10/20 14:06:39	9/10/20 14:11:24	MANOJKN_3EE@atm	MANOJKN EE	8	9/16/20 16:33:03	Manoj k.n	4AD17EE019	1 km/h
20	9/10/20 14:14:23	9/10/20 14:20:55	LOKESH D_3EE@atme	LOKESH D EE	8	9/16/20 16:33:04	Lokesh d	4ad17ee016	1 km/h
21	9/10/20 13:39:34	9/10/20 14:21:51	SHWETHAN_3EE@atr	SHWETHAN EE	6	9/16/20 16:33:04	Shwetha n	4AD17EE033	4 km/h
22	9/10/20 14:03:55	9/10/20 14:22:58	AKSHAYD_3EE@atme	AKSHAYD EE	8	9/16/20 16:33:04	Akshay D	4AD17EE001	1 km/h
23	9/10/20 14:21:08	9/10/20 14:25:35	MANOJM_3EE@atme	MANOJM EE	8	9/16/20 16:33:04	Manoj M	4ad17ee020	1 km/h
24	9/10/20 14:21:32	9/10/20 14:25:42	KIRANKUMARG_3EE@	KIRANKUMARG EE	8	9/16/20 16:33:04	Kiran kumar G	4ad17ee401	1 km/h
25	9/10/20 14:24:37	9/10/20 14:26:33	RACHANAKGOWDA_3	RACHANAKGOWDA EI	8	9/16/20 16:33:04	Rachana k gowda	4ad17ee028	1 km/h
26	9/10/20 14:24:23	9/10/20 14:27:38	MAHADEVASWAMYA'	MAHADEVASWAMYA'	8	9/16/20 16:33:04	Mahadevaswamy A	4ad17ee017	1 km/h

### Assignment Deployment



The screenshot shows a sidebar with navigation options: Calendar, Activity, Chat, Assignments, Teams, and Apps. The main content area is titled 'Assigned' and lists several tasks:

- EY** EEE\_VII Sem\_31.12.2020\_T&C\_17EE752\_Revision-1  
EEE\_AY\_2020-21\_4th Year • Due December 31, 2020 11:59 PM
- EY** AVR\_03\_V\_Sem\_Apptitude Training Assessment-4  
EEE\_AY\_2020-21\_III Year • Due January 2, 2021 12:50 PM
- EY** Environmental studies -18CIV59 IA-2  
EEE\_AY\_2020-21\_III Year • Due January 2, 2021 4:30 PM
- ES** 18EE32 - ECA - Assignment 3 (IA 3 Paper)  
EEE\_AY\_2020-21\_III Semester • Due January 2, 2021 11:59 PM
- EY** Quiz on Revision\_Module-2 Session 4.1.2020  
EEE\_AY\_2020-21\_4th Year • Due January 4, 2021 10:42 AM
- EY** Quiz on Revision\_Module-2 Session 4.1.2020  
EEE\_AY\_2020-21\_4th Year • Due January 4, 2021 10:42 AM
- EY** Environmental studies 18CIV59 IA-3  
EEE\_AY\_2020-21\_III Year • Due January 4, 2021 4:30 PM



The screenshot shows a WhatsApp chat interface. The chat title is 'General'. The chat history includes:

- EEE\_ElectricalMachine Design\_18EE55\_PL
- EEE\_Microcontroller Laboratory\_18EEL57\_SSR
- EEE\_Microcontroller\_18EE52\_SSR
- 7 hidden channels

A recent message from PARTHASARATHY L is visible, dated December 19, 2020, at 12:19 PM. The message content is:

EEE\_Vsem\_17\_12\_2020\_EMD\_18EE55\_Module-4\_Design of slip ring rotor  
Thursday, December 17, 2020 @ 11:15 AM

3 replies from PARTHASARATHY L

Reply

PARTHASARATHY L 12/19/20 12:10 PM  
<https://forms.gle/8tnlTFRrGTUy1FP8>

EEE-19-12-2020-EMD-18EE55-Assignment-Xa  
Three Phase Induction Motors

forms.gle

Reply

## Department of Electrical and Electronics Engineering

### Responses


ID	Start time	Completion time	Email	Name	Total points	Grade posted time	NAME2	USN
54	10/18/20 20:16:29	10/18/20 20:29:18	FAWAZAHMED_2EE@atmemys.onmicrosoft.com	FAWAZAHMED EE	7	10/22/20 14:44:14	FAWAZ AHMED	4AD17EE010
8	10/18/20 20:16:29	10/18/20 20:29:18	MONIKAP_2EE@atmemys.onmicrosoft.com	MONIKAP EE	7	10/22/20 14:44:14	Monika p	4AD17EE024
1	10/18/20 14:05:32	10/18/20 14:21:04	AISHWARYAM_2EE@atmemys.onmicrosoft.com	AISHWARYAM EE	9	10/22/20 14:44:34	Aishwarya M	4ad18e003
49	10/22/20 15:05:37	10/22/20 15:08:28	ADITHYAKS_2EE@atmemys.onmicrosoft.com	ADITHYAKS EE	7	10/22/20 15:17:16	Adithyaks	4ad18ee002
33	10/19/20 7:44:16	10/19/20 7:47:46	ANUSHANK_2EE@atmemys.onmicrosoft.com	ANUSHANK EE	7	10/22/20 14:44:34	Anusha N K	4AD18EE004
5	10/18/20 19:26:46	10/18/20 19:28:16	CHANDANKUMARCB_2EE@atmemys.onmicrosoft.com	CHANDANKUMARCB EE	7	10/22/20 14:44:50	Chandan Kumar CB	4AD18EE005
44	10/19/20 10:46:53	10/19/20 11:08:50	CHANDANMN_2EE@atmemys.onmicrosoft.com	CHANDANMN EE	7	10/22/20 14:44:12	Chandan M N	4AD18EE006
47	10/19/20 13:15:16	10/19/20 13:18:26	DaminiDoraKP_2EE@atmemys.onmicrosoft.com	DaminiDoraKP EE	7	10/22/20 14:44:50	Damini Dora K P	4AD18EE007
51	10/22/20 15:10:52	10/22/20 15:18:37	DEEKSHITHAV_2EE@atmemys.onmicrosoft.com	DEEKSHITHAV EE	8	10/22/20 15:22:33	Deekshitha v	4AD18EE009
19	10/18/20 22:02:59	10/18/20 22:09:50	GAGANAS_2EE@atmemys.onmicrosoft.com	GAGANAS EE	7	10/22/20 14:44:13	Gagana S	4AD18EE010
9	10/18/20 20:29:58	10/18/20 20:31:48	JEEVITHU_2EE@atmemys.onmicrosoft.com	JEEVITHU EE	7	10/22/20 14:45:07	Jeevith U	4AD18EE011
6	10/18/20 19:38:11	10/18/20 19:40:37	KAVERIK_2EE@atmemys.onmicrosoft.com	KAVERIK EE	7	10/22/20 14:45:23	KAVERI K	4AD18EE012
7	10/18/20 19:48:01	10/18/20 19:49:33	LAKSHMIAA_2EE@atmemys.onmicrosoft.com	LAKSHMIAA EE	7	10/22/20 14:45:07	LAKSHMI A A	4AD18EE013
35	10/19/20 9:09:17	10/19/20 9:14:20	LANKESHHD_2EE@atmemys.onmicrosoft.com	LANKESHHD EE	7	10/22/20 14:45:07	Lankesh HD	4AD18EE014
41	10/19/20 10:06:15	10/19/20 10:07:21	MADHUGOWDAHK_2EE@atmemys.onmicrosoft.com	MADHUGOWDAHK EE	7	10/22/20 14:45:23	Madhu gowda h k	4AD18EE015
10	10/18/20 21:18:04	10/18/20 21:19:32	MANJUNATHAKB_2EE@atmemys.onmicrosoft.com	MANJUNATHAKB EE	7	10/22/20 14:44:14	MANJUNATHA K B	4AD18EE016
52	10/22/20 16:40:48	10/22/20 16:43:40	MANOJKUMARKS_2EE@atmemys.onmicrosoft.com	MANOJKUMARKS EE	5	10/23/20 14:47:52	Manojkumar. K. S	4AD18EE017
26	10/18/20 23:15:33	10/18/20 23:21:11	MISBAHAFSHEEN_2EE@atmemys.onmicrosoft.com	MISBAHAFSHEEN EE	7	10/22/20 14:45:23	misbah afsheen	4AD18EE018
2	10/18/20 14:23:47	10/18/20 15:02:25	MOHAMMEDSUHAIL_2EE@atmemys.onmicrosoft.com	MOHAMMEDSUHAIL EE	8	10/22/20 14:44:14	Mohammed Suhail	4AD18EE019
25	10/18/20 22:41:40	10/18/20 22:45:32	NAYANAKS_2EE@atmemys.onmicrosoft.com	NAYANAKS EE	7	10/22/20 14:45:23	Nayana	4AD18EE020

### Attendance Form

https://www.office.com/launch/forms/myforms?auth=2

Forms Search

Post your attendance here-26/5/2020-15EE81-11.10AM 50 responses	Post your attendance here-18EE46-2PM 17 responses	Post your attendance here-18EE48-3PM 26 responses	Post your attendance here-18EE46-11AM-21/05/2020 28 responses
Post your attendance here-18EE46-20/05/2020-11AM 28 responses	Post your attendance here-15EE81-19/05/2020-12PM 31 responses	Post your attendance-15EE81-11AM 39 responses	Post your attendance here-15EE81-2PM 33 responses

  
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ATME College of Engineering, Mysore



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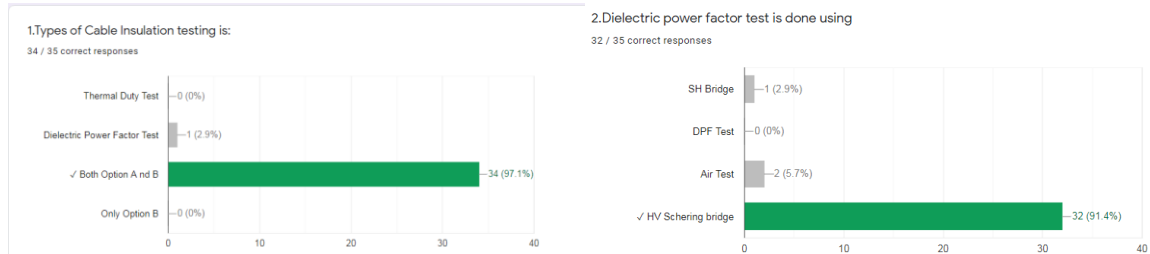
## **Google Form Evaluation**



## Department of Electrical and Electronics Engineering

### Sample Screenshot

#### Google Form Evaluation



#### Sample Form

[https://docs.google.com/forms/d/1h8i5tGY8uVtmixIG\\_UbDYhlwcc-h8WWNIXqwNHkNOX8/edit](https://docs.google.com/forms/d/1h8i5tGY8uVtmixIG_UbDYhlwcc-h8WWNIXqwNHkNOX8/edit)

MC\_18EE52\_Module 3: Quiz Session 11

Questions Responses 43

Total points: 5

### MC\_18EE52\_Module 3: Quiz Session 11

16.12.2020

NAME \*

Short answer text

USN \*

Short answer text



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## Department of Electrical and Electronics Engineering

3. sbit regALSB=ACC^0 indicated \*

- Only MSB can go out
- Both LSB & MSB can go out
- MSB should go out first
- LSB should go out first

4. What is the binary value for 0x44 \*

- 00001000
- 01000000
- 01000110
- 01000100

5. 128 bytes of RAM space has address range \*

- 00-7FH
- 00-2FH
- 00-80H
- 00-FFH

## Department of Electrical and Electronics Engineering

### Response Evaluation

43 responses



Not accepting responses



#### Message for respondents

This form is no longer accepting responses

Summary

Question

Individual

### Insights

Average  
3.6 / 5 points

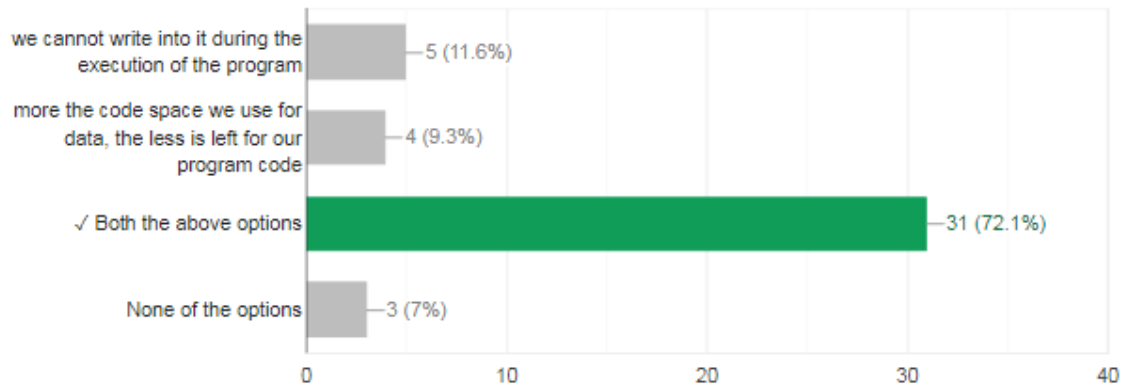
Median  
4 / 5 points

Range  
0 - 5 points

#### Total points distribution

#### 1.Problems with using this code space for data

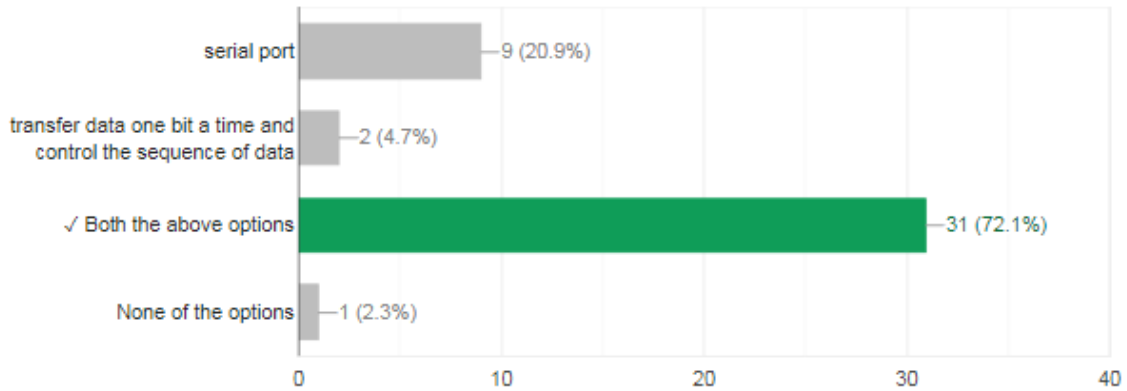
31 / 43 correct responses



## Department of Electrical and Electronics Engineering

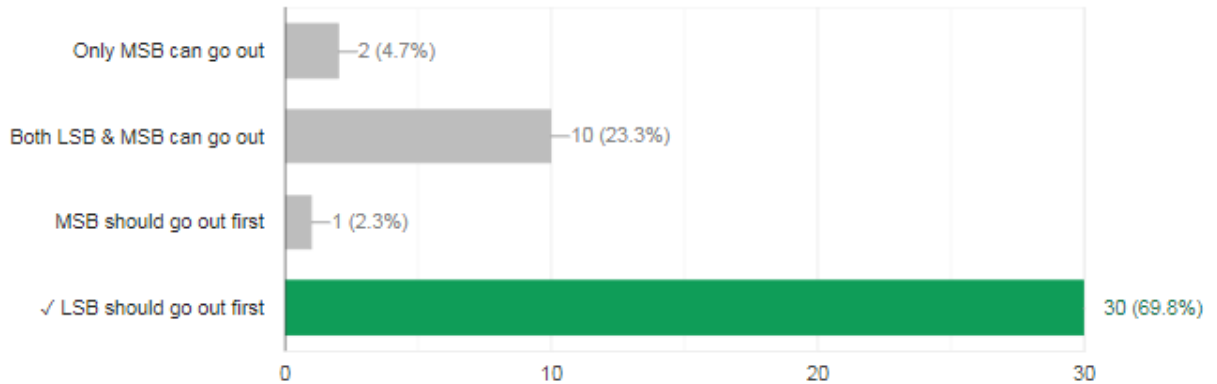
2. Data serialization using 8051C can be done using:

31 / 43 correct responses



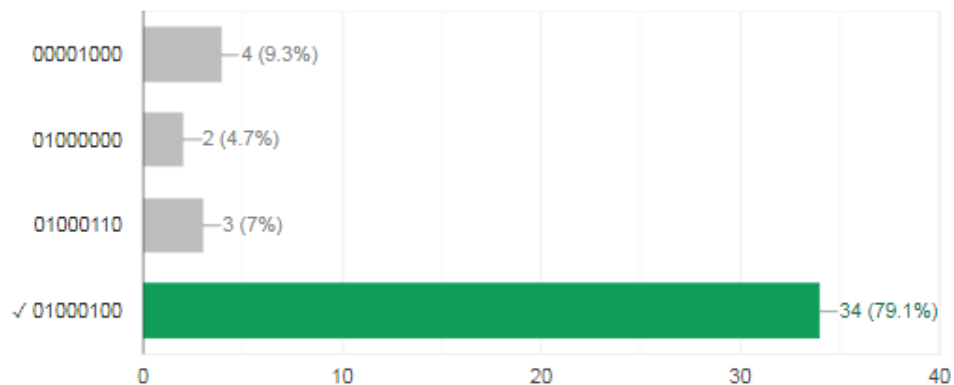
3. sbit regALSB=ACC^0 indicated

30 / 43 correct responses



4. What is the binary value for 0x44

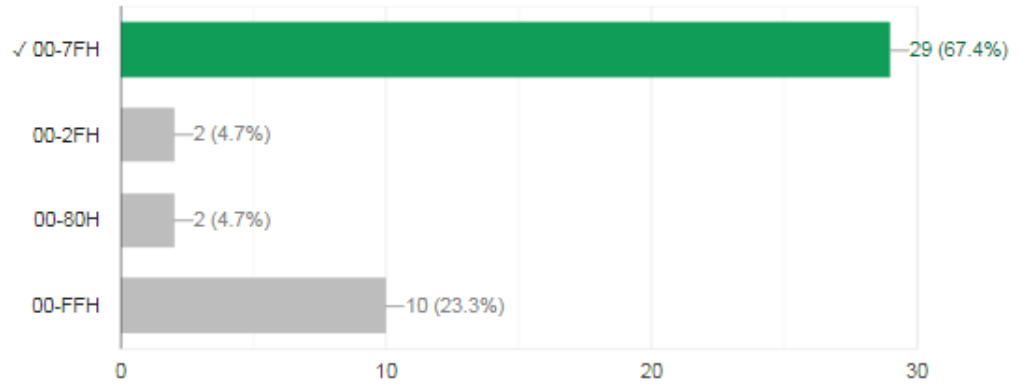
34 / 43 correct responses



## Department of Electrical and Electronics Engineering

5.128 bytes of RAM space has address range

29 / 43 correct responses



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**Department of Electrical and Electronics Engineering**

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**Additional Learning ICT Resources**

1. CERP
2. VTU EDUSAT Classroom
3. Digital Library
4. Study Materials
5. Flipped Classroom



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## Department of Electrical and Electronics Engineering

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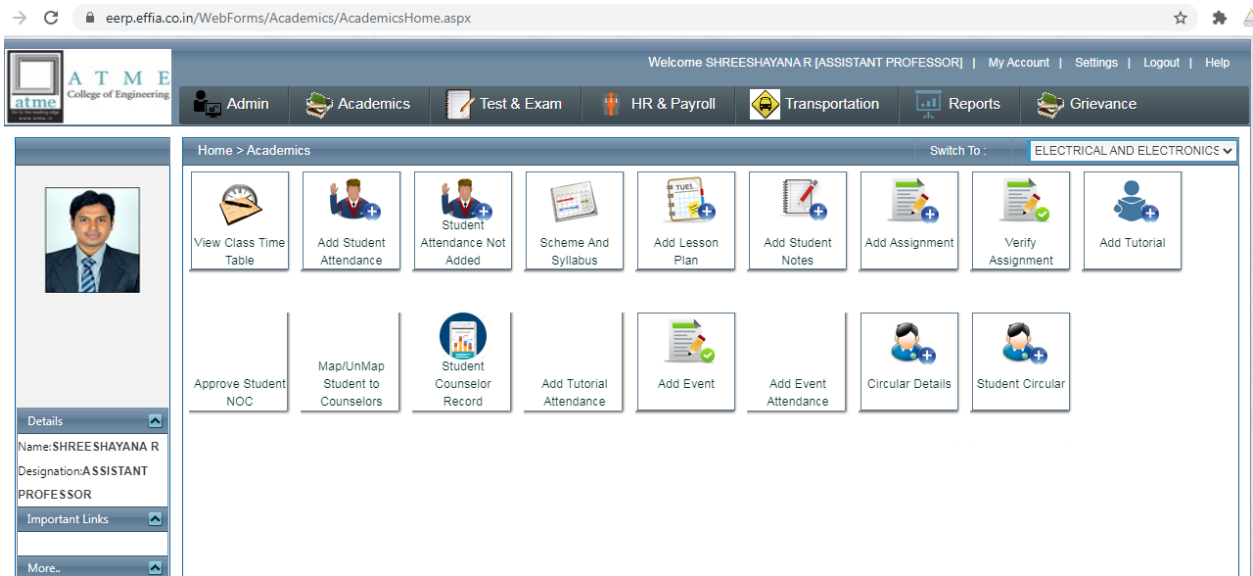
# College Enterprise Resource Planning (CERP)

## Department of Electrical and Electronics Engineering

Study Materials are shared through CERP

### College Enterprise Resource Planning (CERP)

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



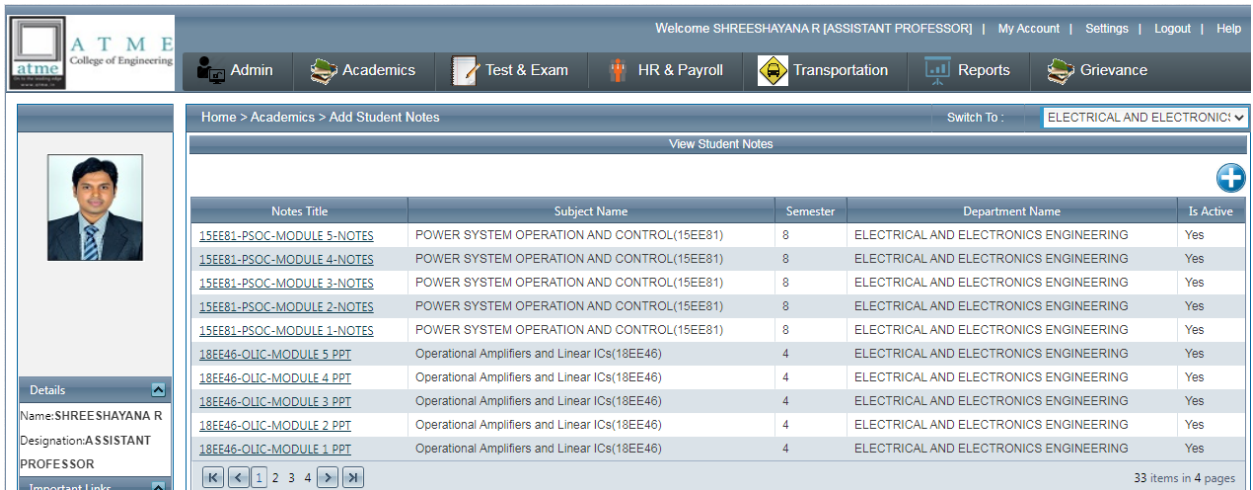
Home > Academics

Switch To: ELECTRICAL AND ELECTRONICS

View Class Time Table | Add Student Attendance | Student Attendance Not Added | Scheme And Syllabus | Add Lesson Plan | Add Student Notes | Add Assignment | Verify Assignment | Add Tutorial

Approve Student NOC | Map/UnMap Student to Counselors | Student Counselor Record | Add Tutorial Attendance | Add Event Attendance | Circular Details | Student Circular

Details: Name: SHREE SHAYANA R, Designation: ASSISTANT PROFESSOR




Home > Academics > Add Student Notes

Switch To: ELECTRICAL AND ELECTRONICS

View Student Notes

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

33 items in 4 pages

  
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**VTU EDUSAT Classroom**

## Department of Electrical and Electronics Engineering

Facility is provided for all students to access NPTEL Video through Digital Library. EDUSAT Videos are played for student learning purpose

### NPTEL/EDUSAT Video Lecture Session



Students listening to the video lecture session on Electric Circuit Analysis

### Digital Library

The Library is having 24 computers with internet facility. DVD/CDs are provided in the library and are made accessible to students and Faculty members. Around 1383 digital materials of CDs & DVDs are available in the Digital Library. Student can view the same and as well as student can borrow for an overnight.

NPTEL & Edusat E-Learning resources taken from the VTU for beneficial of Faculties, Students & Research scholars. The above services are IP enabled and can be accessed anywhere in the campus.

**NPTEL & Edusat URL:** [Link](#)

**VTU –Important Links:**

[www.clearning-vtu.ac.in](http://www.clearning-vtu.ac.in)

[www.clearning-vtu.ac.in](http://www.clearning-vtu.ac.in)



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**Department of Electrical and Electronics Engineering**

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**Digital Library**

## Department of Electrical and Electronics Engineering

### Students can access Learning resources through digital library

#### Instructional Materials:

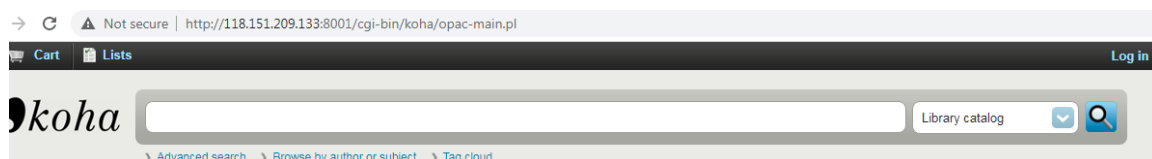
- ATME Library is a resource center for teaching, learning & research.
- Library has e-Learning Centre, Reference Section and Journals/Magazines.
- Library holds a hybrid collection of printed as well as electronic resources which include books, journals, databases, audio-visuals, CDs/DVDs, e-books, 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	<a href="http://ieeexplore.ieee.org/">http://ieeexplore.ieee.org/</a>
2	Science Direct	<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
3	Springer (E-Journals & E-Books)	<a href="http://link.springer.com/">http://link.springer.com/</a>
4	NPTEL online videos	<a href="http://www.nptelvideos.com/">http://www.nptelvideos.com/</a>
5	ProQuest	<a href="http://search.proquest.com/">http://search.proquest.com/</a>

### 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://118.151.209.133:8001/cgi-bin/koha/opac-main.pl

Cart Lists Log in to

**koha**  Library catalog

> Advanced search > Browse by author or subject > Tag cloud

[Home](#)

#### Log in to your account:

Login:

Password:



## Department of Electrical and Electronics Engineering

Not secure | http://118.151.209.133:8080/jspui/

Home Browse Help Search DSpace Sign out

### 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](#)



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



Username

Password



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



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## Department of Electrical and Electronics Engineering

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

366

e-Contents Available

857

Course Experts Participated

15120

Hours of Videos

e-Content Repository

[Click Here](#)

### VTU E-LEARNING CENTRE, MYSURU

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

The objectives are:

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

Live Sessions

Webinar

Notifications

[e-Shikshana YouTube Channel](#)

e-Contents for Odd Semester

[Basic Sciences](#)

[Civil Engineering](#)

[Computer Science and Engineering](#)

[Electronics and Communication Engineering](#)

[Electricals and Electronics Engineering](#)

[Mechanical Engineering](#)

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**Department of Electrical and Electronics Engineering**

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**Study Materials**

## Department of Electrical and Electronics Engineering

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

### Website Link:

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

<b>E &amp; E</b>
About The Department
Infrastructure
Faculty Details
Student Learning Centric
Achievements
Research Initiatives
Industry Interface
Placement & Higher Studies
Co-curricular & Extracurricular Activities
Teachers Teaching Analysis
Counselling Module
E News Letter

Academic Year - 2020-2021

List of Subjects-EEE			
3RD SEMESTER SUBJECTS			
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator
1	18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	Mrs Divya K
2	18EE32	ELECTRIC CIRCUIT ANALYSIS	Mrs Lakshmi K
3	18EE33	TRANSFORMERS AND GENERATORS	Mrs Maria Sushma
4	18EE34	ANALOG ELECTRONIC CIRCUITS	Mr Rajesh K S
5	18EE35	DIGITAL SYSTEM DESIGN	Ms Swapna H
6	18EE36	ELECTRICAL AND ELECTRONIC MEASUREMENTS	Mr Sathish K R
7	18 EE L37	ELECTRICAL MACHINES LABORATORY -1	Mrs Maria Sushma
8	18 EE L38	ELECTRONICS LABORATORY	Mr Rajesh K S
9	18KVK39/49	VYVAHARIKA 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/](http://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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**Department of Electrical and Electronics Engineering**

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**Flipped Classroom**

## Department of Electrical and Electronics Engineering

### Flipped Classroom:

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

Browser: eerp.affia.co.in/WebForms/Reports/EmailDetailsReport.aspx

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

Home > Reports > Email Details Report

Role	Subject	EmailDate	Recipients
STUDENT	<a href="#">Course Coordinator Profile and Course Details: 15EE73</a>	28-07-2019 00:00:00	70
STUDENT	<a href="#">Course Coordinator Profile and Course Details: 17EE52</a>	28-07-2019 00:00:00	153
STUDENT	<a href="#">Course Details:17EEL57</a>	28-07-2019 00:00:00	51
STUDENT	<a href="#">-SSR-17EE52-EMAIL_1</a>	05-08-2019 00:00:00	51
STUDENT	<a href="#">-SSR-17EE52-EMAIL_2</a>	05-08-2019 00:00:00	51
STUDENT	<a href="#">-SSR-17EEL57-EMAIL_1</a>	05-08-2019 00:00:00	51
STUDENT	<a href="#">-SSR-17EE52-EMAIL_3</a>	13-08-2019 00:00:00	51
STUDENT	<a href="#">-SSR-15EE73-EMAIL_1</a>	26-08-2019 00:00:00	71
STUDENT	<a href="#">-SSR-15EE73-EMAIL_2</a>	26-08-2019 00:00:00	71
STUDENT	<a href="#">-SSR-17EE52-EMAIL_3</a>	26-08-2019 00:00:00	51
STUDENT	<a href="#">-SSR-17EEL57-EMAIL_2</a>	26-08-2019 00:00:00	51

Switch To: ELECTRICAL AND ELECTRONICS

Email Subject and Body Details

EmailSubject	Email Body
	<p>Good Morning,</p> <p>Greetings for the Day!!!</p> <p>Hope you are rejuvenated for the upcoming semester post your vacation. I will be the course coordinator for Microcontrollers Laboratory [17EEL57]. You can go through the reference link where I have explained one of the program and its complete execution using Keil Software. Through this you can have an overview of the programming. Week-wise coverage of programs, COs, Learnings levels will be appraised in the Orientation session on Day 1.</p> <p><b>Experiments Prescribed by the University:</b></p> <p>Software: Experiment 1 to 7 [Assembly Level Programming] Hardware Interface : Experiment 8 to 13 [C Programming]</p>

**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

## Department of Electrical and Electronics Engineering

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

Week 8: 16<sup>th</sup> to 20<sup>th</sup> 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	<a href="https://www.youtube.com/watch?v=V_zRKvqTIVs">https://www.youtube.com/watch?v=V_zRKvqTIVs</a>
	27	19/09/2019	SECOND HOUR	Programming timer, external hardware	<a href="https://www.youtube.com/watch?v=fnfgtIM-igQ">https://www.youtube.com/watch?v=fnfgtIM-igQ</a>
	28	19/09/2019	THIRD HOUR	serial communication interrupt	<a href="https://www.youtube.com/watch?v=dG3egxqkHNw">https://www.youtube.com/watch?v=dG3egxqkHNw</a>
	29	20/09/2019	FOURTH HOUR	Interrupt priority in 8051/52, Interrupt programming in C	<a href="https://www.youtube.com/watch?v=HrGmONb_hCM">https://www.youtube.com/watch?v=HrGmONb_hCM</a>


-SSR-17EE52-EMAIL 5

**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:

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


# Number of teachers using ICT

**AY: 2020-2021**

## Number of teachers using ICT

**AY:2020-21**

SL. No.	Name	Designation	ICT Resources Utilised	
			YES	NO
1	Dr. Basavaraj L	Professor and Principal	✓	
2	Dr. Mahesh P K	Professor and Head	✓	
3	Dr. Bhagyashree S R	Professor and Dean Research	✓	
4	Dr. Prakash Kuravatti	Associate Professor	✓	
5	Dr. Yathisha L	Associate Professor	✓	
6	Dr. Prathiba M K	Associate Professor	✓	
7	Mrs. Pavithra A C	Assistant Professor	✓	
8	Mr. Abhilash G	Assistant Professor	✓	
9	Mr. Pradeep Kumar Y	Assistant Professor	✓	
10	Mr. Guruprasad K N	Assistant Professor	✓	
11	Mr. Chandrashekar P	Assistant Professor	✓	
12	Mr. R N Umamahesh	Assistant Professor		✓
13	Mrs. Keerthi A Kumbar	Assistant Professor	✓	
14	Mr. Manjunath K	Assistant Professor	✓	
15	Mrs. Harshitha N	Assistant Professor	✓	
16	Mr. Prajwalasimha S N	Assistant Professor	✓	
17	Mr. Girish M	Assistant Professor	✓	
18	Mrs. Darshini M B	Assistant Professor	✓	
19	Mrs. Juslin F	Assistant Professor		✓
20	Mrs. Shalini V S	Assistant Professor	✓	
21	Ms. Anupama Shetter	Assistant Professor	✓	
22	Mrs. Nida Maheen	Assistant Professor	✓	
23	Ms. Navya N	Assistant Professor	✓	

  
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 Professor & Head  
 Dept. of Electronics & Communication  
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 Mysuru - 570 028

**AY: 2019-2020**

## Number of teachers using ICT

**AY: 2019-20**

SL. No.	Name	Designation	ICT Resources Utilized	
			YES	NO
1	Dr. L Basavaraj	Professor	✓	
2	Dr. Mahesh P K	Professor & Head	✓	
3	Dr. Bhagyashree S R	Professor	✓	
4	Dr. Prakash Kuravatti	Associate Professor	✓	
5	Dr. Yathisha L	Associate Professor	✓	
6	Mrs. Prathiba M K	Associate Professor	✓	
7	Mr. Shashidhar S G	Associate Professor	✓	
8	Mrs. Pavithra A C	Assistant Professor	✓	
9	Mr. Abhilash G	Assistant Professor	✓	
10	Mr. Guruprasad K N	Assistant Professor	✓	
11	Mr. Pradeep Kumar Y	Assistant Professor	✓	
12	Mr. Chandra Shekar P	Assistant Professor	✓	
13	Mr. Manjunath K	Assistant Professor	✓	
14	Mr. Prajwalasimha S N	Assistant Professor	✓	
15	Mrs. Harshitha N	Assistant Professor	✓	
16	Ms. Darshini M B	Assistant Professor	✓	
17	Mr. Girish M	Assistant Professor	✓	
18	Mrs. Shalini V S	Assistant Professor	✓	
19	Mrs. Keerthi A Kumbar	Assistant Professor	✓	
20	Ms. Anupaam Shetter	Assistant Professor	✓	
21	Ms. Juslin F	Assistant Professor	✓	
22	Mr. R N Umamahesh	Assistant Professor		✓

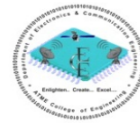


**AY: 2018-2019**

## Number of teachers using ICT

**AY:2018-19**

SL. No.	Name	Designation	ICT Resources Utilised	
			YES	NO
1	Dr. L Basavaraj	Professor	✓	
2	Dr. Mahesh P K	Professor & Head	✓	
3	Dr. Bhagyashree S R	Professor	✓	
4	Dr. Prakash Kuravatti	Associate Professor	✓	
5	Dr. Yathisha L	Associate Professor	✓	
6	Mrs. Prathiba M K	Associate Professor	✓	
7	Mr. Shashidhar S G	Associate Professor	✓	
8	Mrs. Pavithra A C	Assistant Professor	✓	
9	Mr. Abhilash G	Assistant Professor	✓	
10	Mr. Guruprasad K N	Assistant Professor	✓	
11	Mr. Pradeep Kumar Y	Assistant Professor	✓	
12	Mr. Chandra Shekar P	Assistant Professor	✓	
13	Mr. R N Umamahesh	Assistant Professor	✓	
14	Mr. Manjunath K	Assistant Professor	✓	
15	Mr. Prajwalasimha S N	Assistant Professor	✓	
16	Mrs. Harshitha N	Assistant Professor	✓	
17	Mr. Girish M	Assistant Professor	✓	
18	Ms. Darshini M B	Assistant Professor	✓	
19	Ms. Juslin F	Assistant Professor	✓	
20	Mr. Sidramappa	Assistant Professor	✓	
21	Mrs. Keerthi A Kumbar	Assistant Professor	✓	



22	Ms. Anupaam Shetter	Assistant Professor	✓	
23	Mrs. Shalini V S	Assistant Professor	✓	
24	Mr. Manoj B R	Assistant Professor		✓

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**AY: 2017-2018**

## Number of teachers using ICT

**AY:2017-18**

SL. No.	Name	Designation	ICT Resources Utilised	
			YES	NO
1	Dr. L Basavaraj	Professor	✓	
2	Dr. Mahesh P K	Professor & Head	✓	
3	Dr. Bhagyashree S R	Professor	✓	
4	Dr. Prakash Kuravatti	Associate Professor	✓	
5	Dr. Yathisha L	Associate Professor	✓	
6	Mrs. Prathiba M K	Associate Professor	✓	
7	Mr. Shashidhar S G	Associate Professor	✓	
8	Mrs. Pavithra A C	Assistant Professor	✓	
9	Mr. Abhilash G	Assistant Professor	✓	
10	Mr. Guruprasad K N	Assistant Professor	✓	
11	Mr. Pradeep Kumar Y	Assistant Professor	✓	
12	Ms. Priya M S	Assistant Professor	✓	
13	Mrs. Amrith Ponnacha M	Assistant Professor	✓	
14	Mr. R N Umamahesh	Assistant Professor	✓	
15	Mr. Chandra Shekar P	Assistant Professor	✓	
16	Mr. Manjunath K	Assistant Professor	✓	
17	Mr. Prajwalasimha S N	Assistant Professor	✓	
18	Mrs. Harshitha N	Assistant Professor	✓	
19	Mrs. Shalini V S	Assistant Professor	✓	
20	Mr. Girish M	Assistant Professor	✓	
21	Ms. Darshini M B	Assistant Professor	✓	
22	Ms. Harini R	Assistant Professor	✓	

23	Ms. Juslin F	Assistant Professor	✓	
24	Ms. Anupaam Shetter	Assistant Professor	✓	
25	Ms. Meghana B N	Assistant Professor	✓	
26	Ms. Sushmitha Gowda R	Assistant Professor	✓	
27	Mr. Manoj B R	Assistant Professor		✓
28	Mrs. Keerthi A Kumbar	Assistant Professor		✓

  
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**AY: 2016-2017**

## Number of teachers using ICT

**AY:2016-17**

SL. No.	Name	Designation	ICT Resources Utilised	
			YES	NO
1	Dr. L Basavaraj	Professor	✓	
2	Dr. Mahesh P K	Professor & Head	✓	
3	Dr. Bhagyashree S R	Professor	✓	
4	Dr. Prakash Kuravatti	Associate Professor	✓	
5	Dr. Yathisha L	Associate Professor	✓	
6	Mrs. Prathiba M K	Associate Professor	✓	
7	Mr. Shashidhar S G	Associate Professor	✓	
8	Mrs. Pavithra A C	Assistant Professor	✓	
9	Mr. Abhilash G	Assistant Professor	✓	
10	Mr. Guruprasad K N	Assistant Professor	✓	
11	Mr. Pradeep Kumar	Assistant Professor	✓	
12	YMs. Priya M S	Assistant Professor	✓	
13	Mrs. Amrith Ponnacha M	Assistant Professor	✓	
14	Mr. R N Umamahesh	Assistant Professor	✓	
15	Mr. Chandra Shekar P	Assistant Professor	✓	
16	Mr. Manjunath K	Assistant Professor	✓	
17	Mr. Prajwalasimha S N	Assistant Professor	✓	
18	Mrs. Harshitha N	Assistant Professor	✓	
19	Mrs. Shalini V S	Assistant Professor	✓	
20	Mr. Girish M	Assistant Professor	✓	
21	Ms. Darshini M B	Assistant Professor	✓	




22	Ms. Harini R	Assistant Professor	✓	
23	Ms. Juslin F	Assistant Professor	✓	
24	Ms. Anupaam Shetter	Assistant Professor	✓	
25	Ms. Meghana B N	Assistant Professor	✓	
26	Ms. Sushmitha Gowda R	Assistant Professor	✓	
27	Mr. Manoj B R	Assistant Professor		✓
28	Mrs. Keerthi A Kumbar	Assistant Professor		✓
29	Mrs. Rekha M N	Assistant Professor	✓	

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# **Number of ICT Enabled Classroom**

SL. No.	Name	Room No.	Facility
1	ICT Enabled Classroom	202, 206, 207	LCD Projectors with Projection screen, WIFI Facility
2	ICT Enabled Seminar Hall	401	AV System, LCD Projectors with Projection screen, LAN Connection WIFI Facility

  
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# Facility Proof

## Classroom No. 202



ATME College, Karnataka 570028, India

Latitude  
12.3146381°

Longitude  
76.770503°

Local 02:17:00 PM  
GMT 08:47:00 AM

Altitude 650.39 meters  
Thursday, 01-10-2020



ATME College, Karnataka 570028, India

Latitude  
12.3146395°

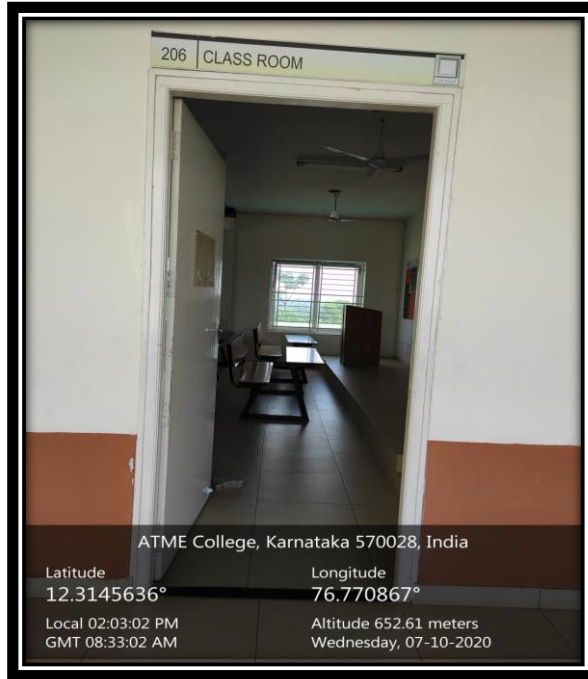
Longitude  
76.7705094°

Local 02:18:01 PM  
GMT 08:48:01 AM

Altitude 647.01 meters  
Thursday, 01-10-2020

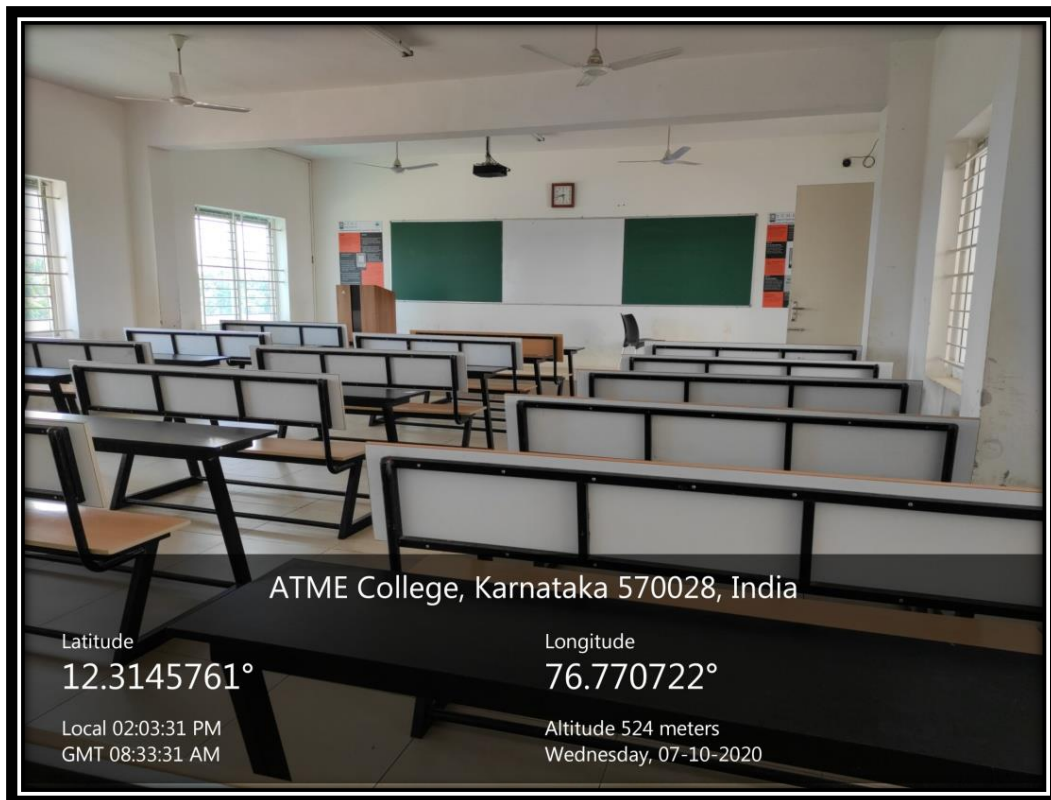
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Dept. of Electronics & Communication  
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## Classroom No. 206



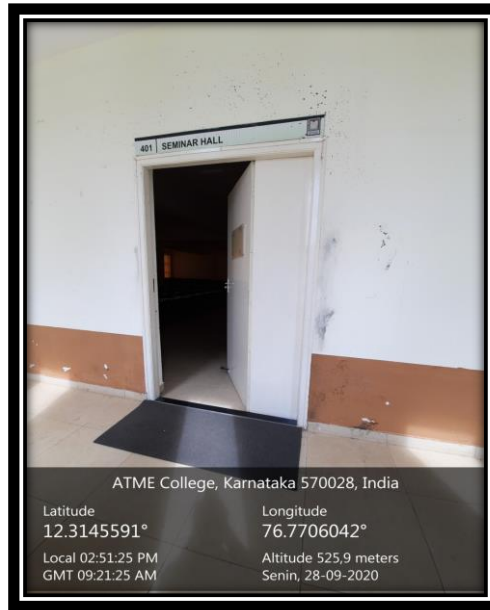
*Dulal*  
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Dept. of Electronics & Communication  
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## Classroom No. 207



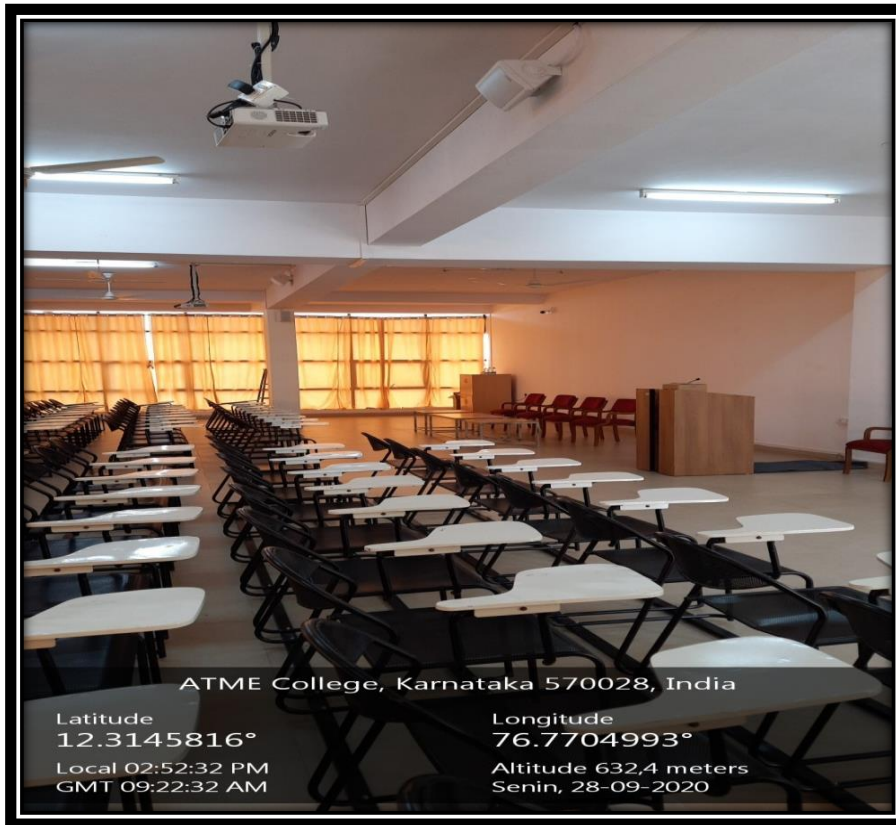
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## 401- Seminar Hall



ATME College, Karnataka 570028, India

Latitude	Longitude
12.3145591°	76.7706042°
Local 02:51:25 PM	Altitude 525,9 meters
GMT 09:21:25 AM	Senin, 28-09-2020

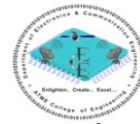


ATME College, Karnataka 570028, India

Latitude	Longitude
12.3145816°	76.7704993°
Local 02:52:32 PM	Altitude 632,4 meters
GMT 09:22:32 AM	Senin, 28-09-2020

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# ICT Resources

## ICT Resources Utilized for Teaching and Learning Process

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 and Communication Engineering is inclined to use of following ICT tools for Teaching and Learning process:

ICT Resources	
Delivery	Assessment
<ol style="list-style-type: none"> <li>1. MS Teams</li> <li>2. PPT</li> <li>3. Google Classroom</li> <li>4. YouTube</li> <li>5. Zoom</li> <li>6. Virtual Labs</li> <li>7. WACOM Writing Pad</li> </ol>	<ol style="list-style-type: none"> <li>1. Student Response System</li> <li>2. MS Team Form Quiz</li> <li>3. Google Forms Quiz</li> </ol>

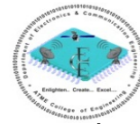
Additional Learning ICT Resources
<ol style="list-style-type: none"> <li>1. EDUSAT</li> <li>2. Digital Library</li> <li>3. Study Materials</li> <li>4. CERP</li> <li>5. Flipped Classroom</li> </ol>

  
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<b>Delivery</b>	
Microsoft Teams (licensed)	
Power Point Presentation	
Zoom	
WACOM Writing Pad	
You tube (recorded videos)	

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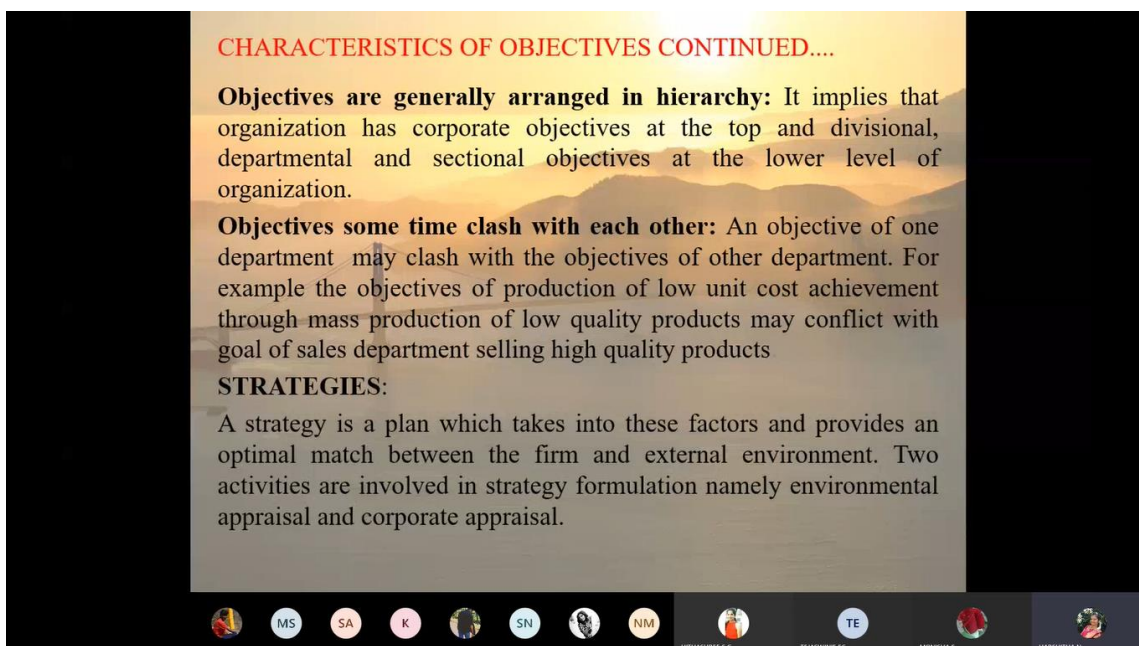
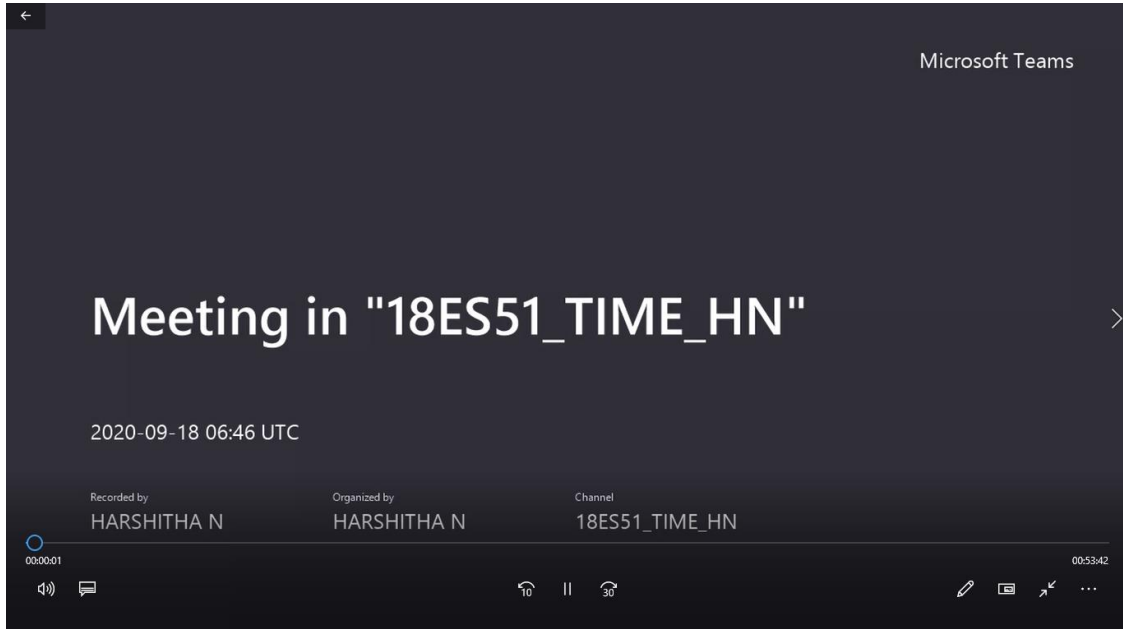
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# Microsoft Teams

The institution has licensed MS Teams for the benefit of students in Teaching and Learning Process

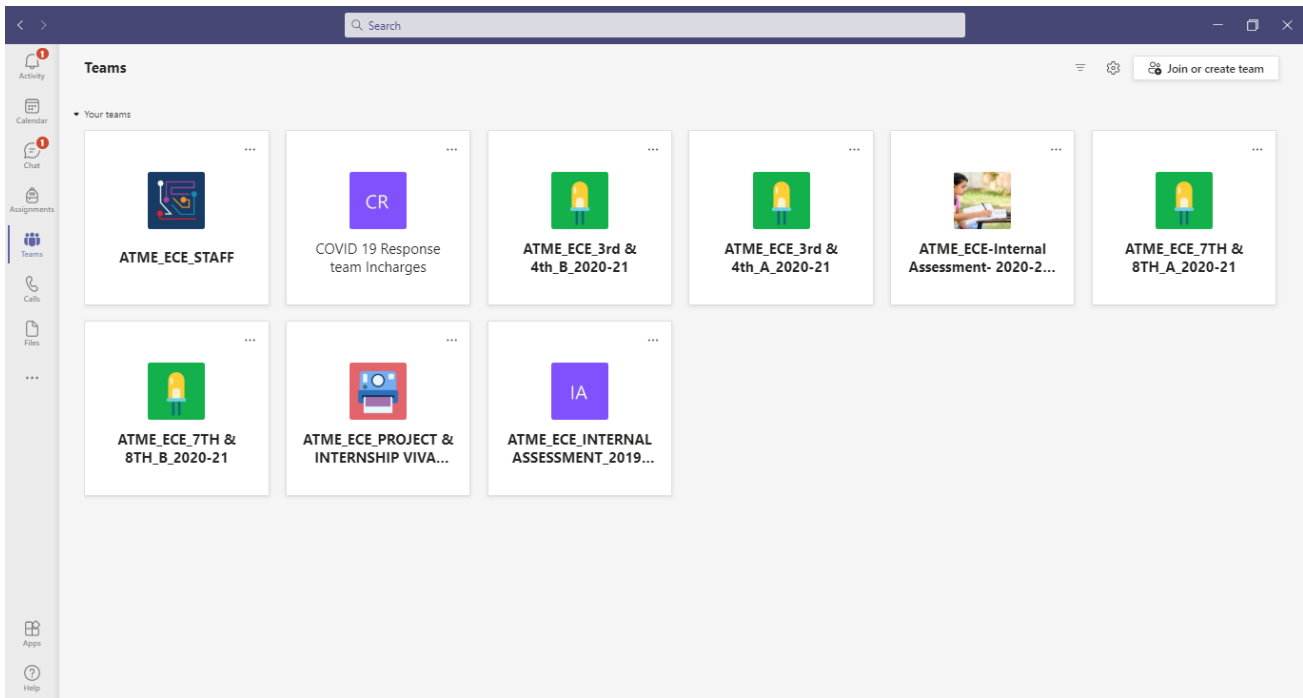
## MS Teams Delivery Sample Screenshots



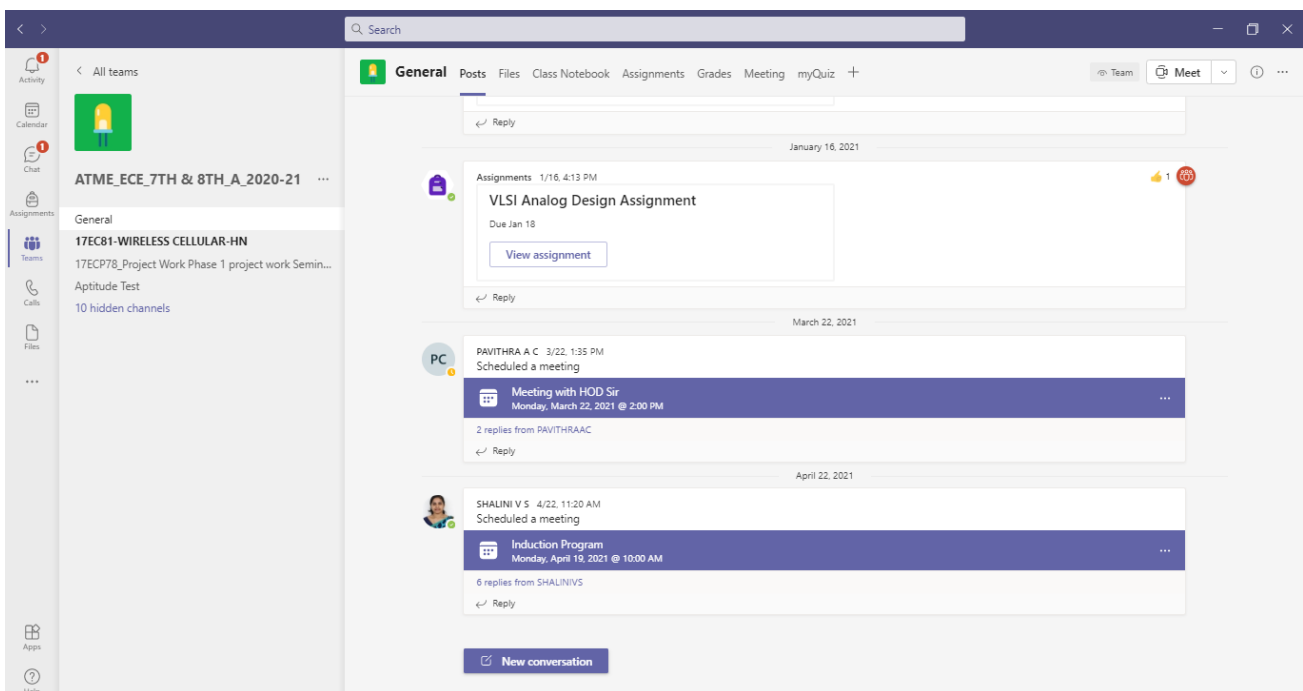
Details: ECE V Sem 18/9/2020 TIME 18ES51 Module 2, Characteristics of Objectives

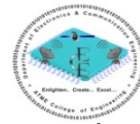
*Dulal*  
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## Screenshot of Teams (groups) created in MS Teams



## MS Teams Channels Screenshot





# Power Point Presentation

## Sample PPT Screenshot

Course: Satellite Communication

Course Code: 17EC755

Course Coordinator: Mrs. Darshini M B

# Satellite Communication 17EC755




College of Engineering

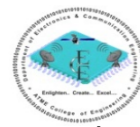
**Mrs. Darshini M B**  
**Assistant Professor**

## History of Evolution of Satellites

- Hot Air Balloons and Sounding Rockets
- Launch of Early Artificial Satellites
- Satellites for Communication, Meteorology and Scientific Explorations
- Non-Geosynchronous Communication Satellites
- Geosynchronous Communication Satellites
- International Communication Satellites
- Domestic Communication Satellites

  
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Course: Wireless Cellular and 4G LTE Broadband

Course Code: 17EC81

Course Coordinator: Mrs. Harshitha N



## Wireless Cellular and 4G LTE Broadband -17EC81

**Mrs. Harshitha N**  
**Assistant Professor**

20/04/2021

Department of ECE

1



## OFDM Basics

- Circular Convolution and the DFT - OFDM symbols have been rendered orthogonal with a guard interval, the next task is to attempt to remove the ISI within each OFDM symbol
- The Cyclic Prefix - The duality between circular convolution in the time domain and simple multiplication in the frequency domain is a property unique to the DFT.
- Frequency Equalization - Nevertheless, in principle, the ISI—which is the most serious forms of interference in 1 wideband channel—has been mitigated.

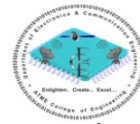
20/04/2021

Department of ECE

2

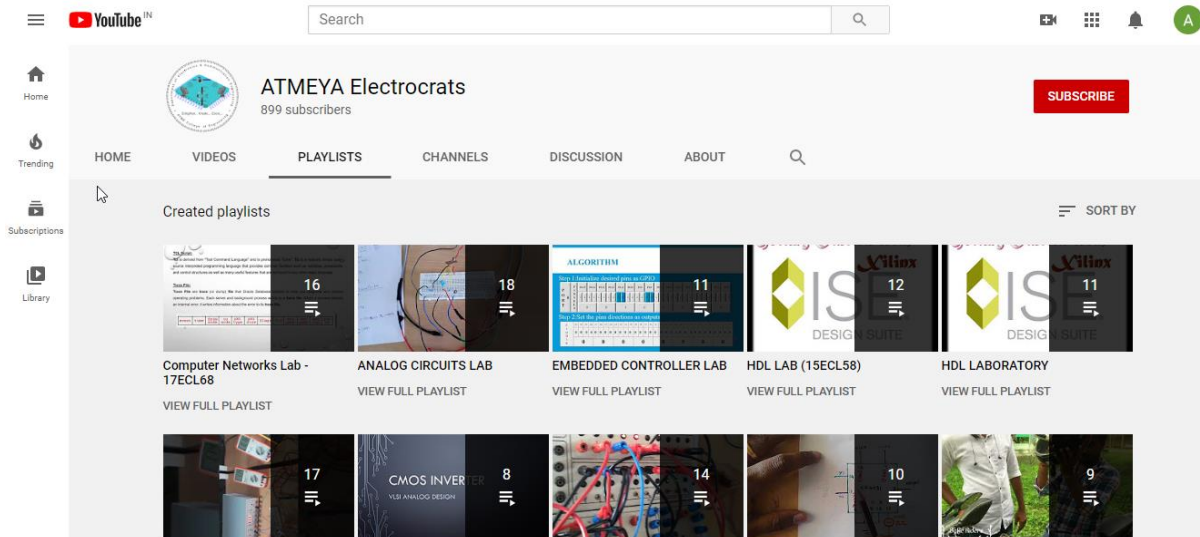
*Harshitha N*  
HOD

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Professor & Head  
Dept. of Electronics & Communication  
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Mysuru - 570 028

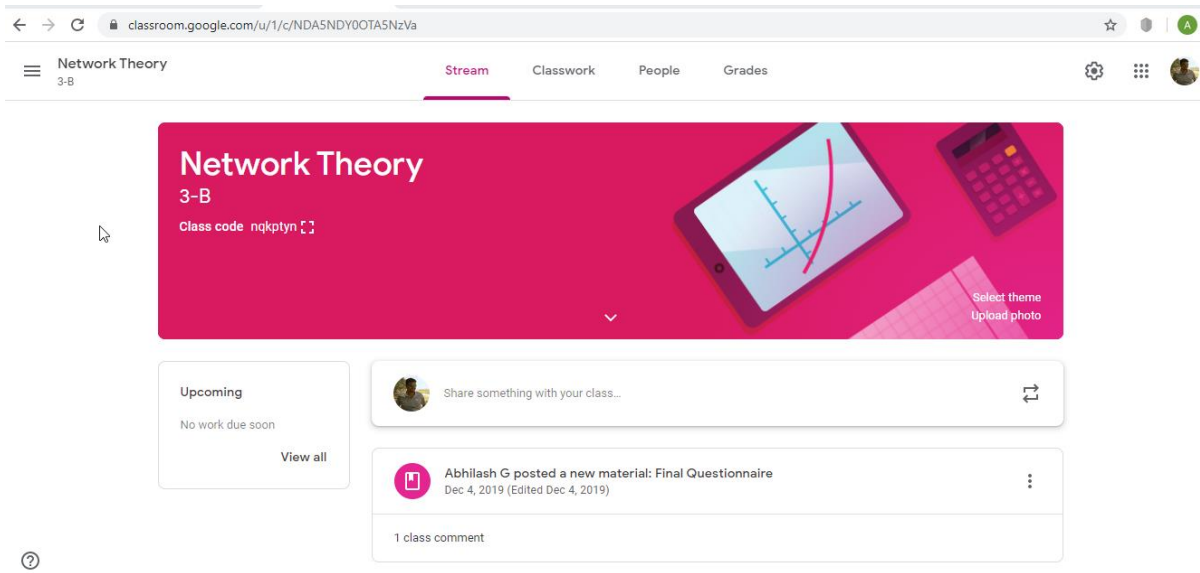


# **Youtube Link, Google Class, Edmodo, Khan Academy, Google Forms**

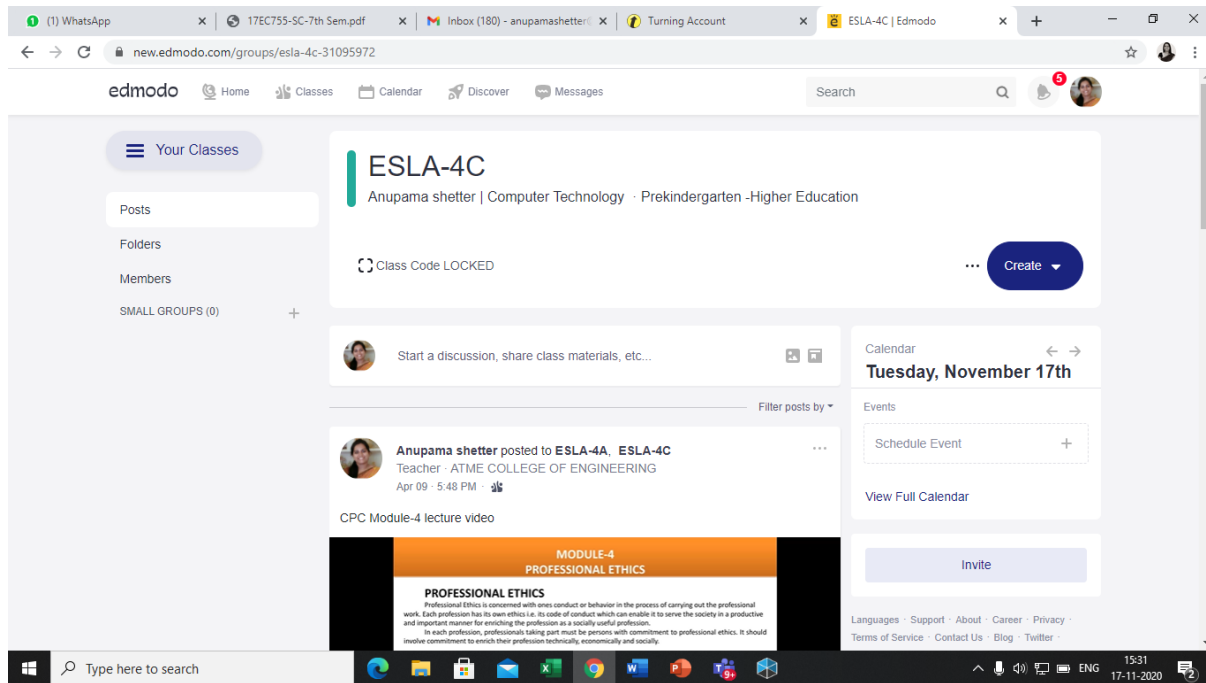
## Department Lab Videos Youtube Link



## Google Class – Digital Classroom

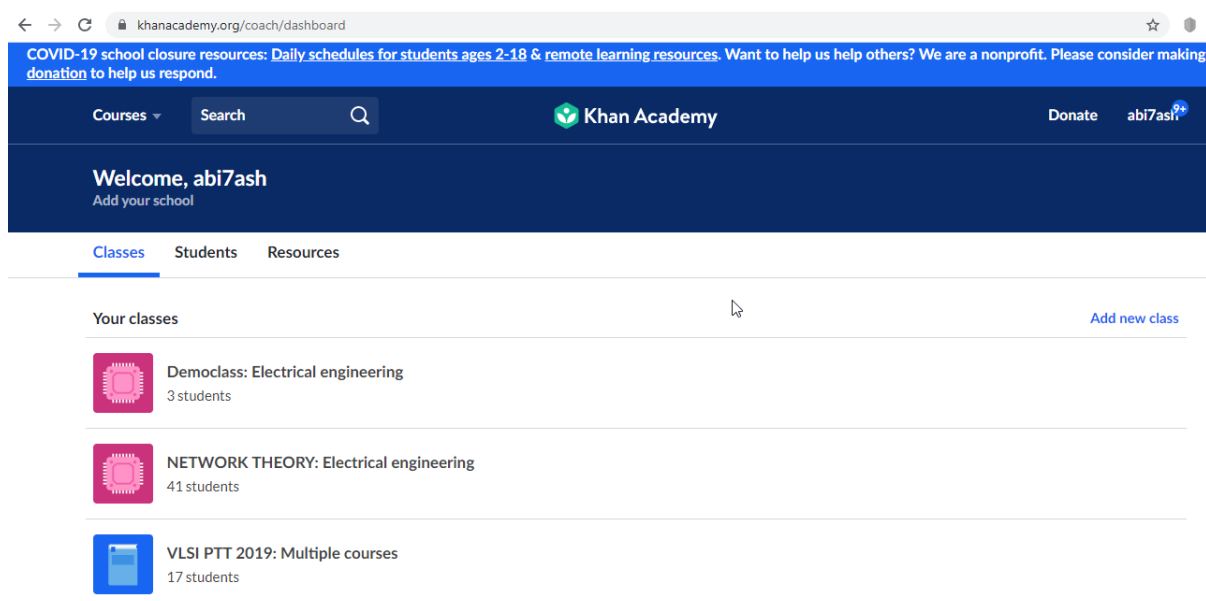


## Edmodo – Digital Classroom



The screenshot shows the Edmodo interface for a class named 'ESLA-4C'. The class is managed by Anupama shetter, a teacher at ATME College of Engineering. The class code is locked. A post from Anupama shetter is visible, titled 'CPC Module-4 lecture video', which includes a video player for 'MODULE-4 PROFESSIONAL ETHICS'. The video content discusses professional ethics, stating that it is concerned with one's conduct or behavior in the process of carrying out professional work. The interface also shows a sidebar with 'Your Classes', 'Posts', 'Folders', 'Members', and 'SMALL GROUPS (0)'. A calendar on the right shows the current date as Tuesday, November 17th, with options to schedule events and view the full calendar.

## Khan Academy – Basic Assignments

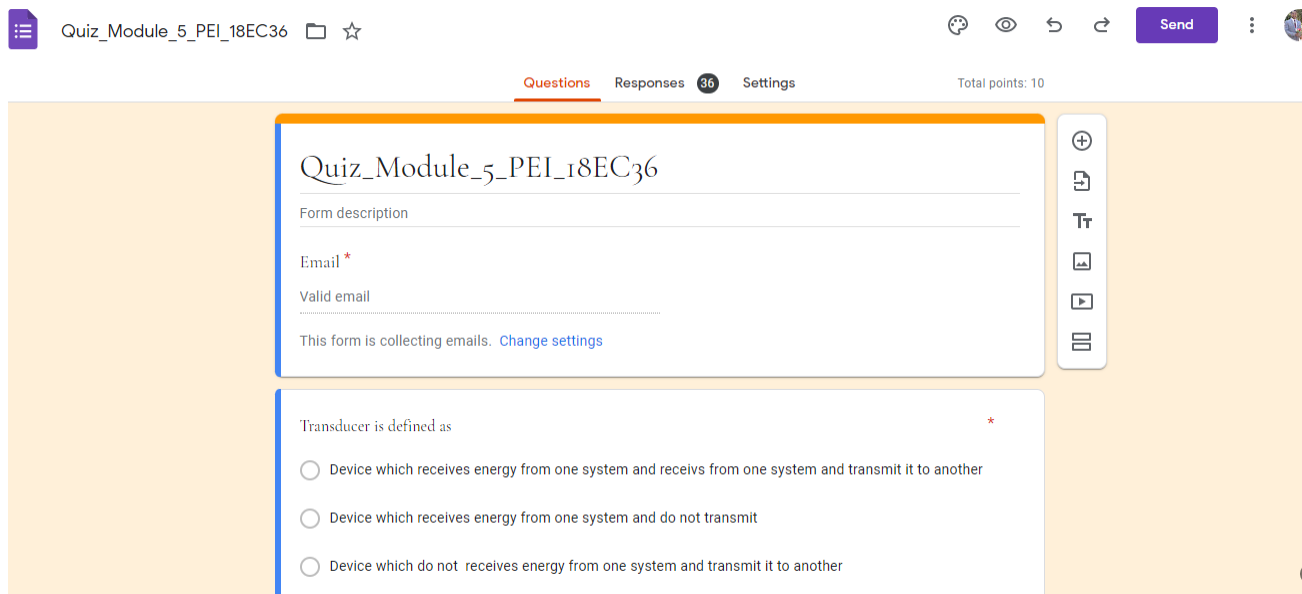


The screenshot shows the Khan Academy dashboard for user 'abi7ash'. The dashboard includes a search bar, a 'Courses' dropdown, and a 'Welcome, abi7ash' message with an option to 'Add your school'. Below the navigation tabs (Classes, Students, Resources), the 'Your classes' section lists three classes:

- Democlass: Electrical engineering** (3 students)
- NETWORK THEORY: Electrical engineering** (41 students)
- VLSI PTT 2019: Multiple courses** (17 students)

An 'Add new class' button is located at the top right of the 'Your classes' section.

## Google Forms – Quiz and Assignments



Quiz\_Module\_5\_PEL\_18EC36

Form description

Email \*

Valid email

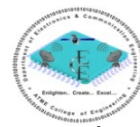
This form is collecting emails. [Change settings](#)

Transducer is defined as \*

- Device which receives energy from one system and receives from one system and transmit it to another
- Device which receives energy from one system and do not transmit
- Device which do not receives energy from one system and transmit it to another

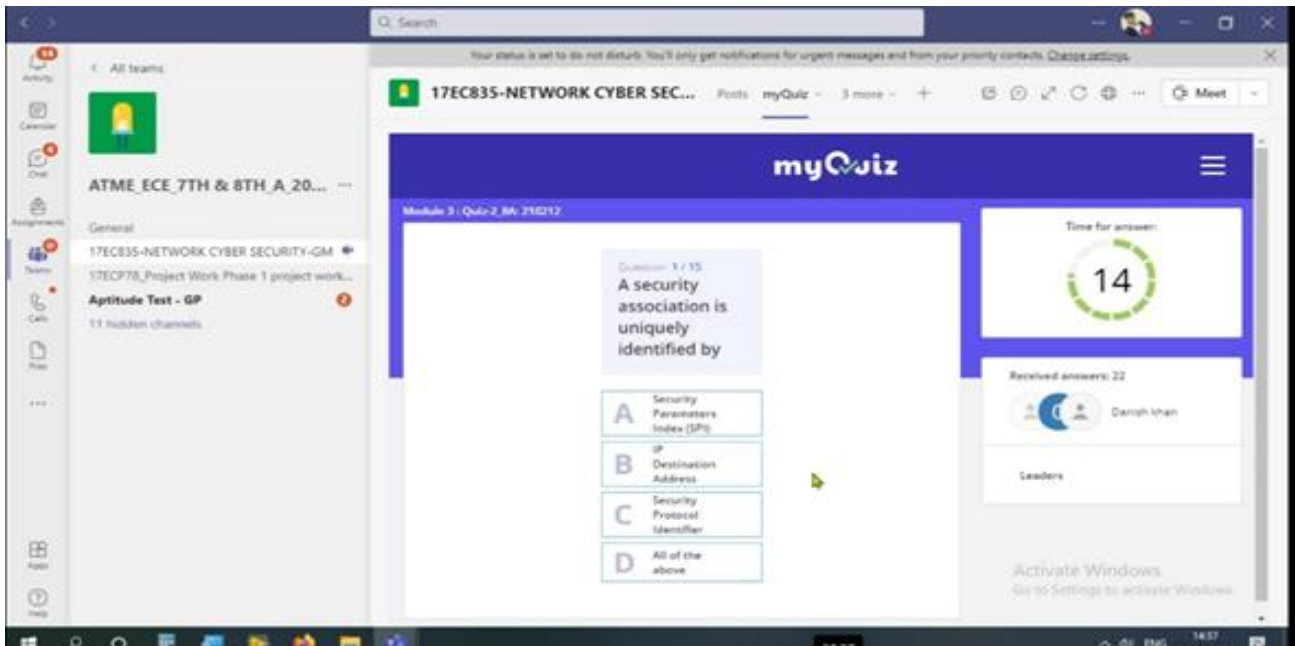
Sl. No.	Tool \ Method	Details
1	e-Learning via YouTube	<p>Laboratory experiments are explained in detail with focus on procedure and conduction so that students may come prepared to the lab.</p> <p>Also, student feedback has been received on its utility towards lab examination preparation and revisions.</p> <p>YouTube Link:  <a href="https://www.youtube.com/channel/UCH-S3u1eucSV6LABVcGH_RA/playlists">https://www.youtube.com/channel/UCH-S3u1eucSV6LABVcGH_RA/playlists</a></p>
2	Digital Classroom  Google Classroom   Edmodo	<p>Content to students are shared via CERP-email. Also, same content is being shared in Classroom and Edmodo.</p> <p>Sample class details for previous and current semesters are as follows:</p> <p><a href="https://classroom.google.com">https://classroom.google.com</a>            Class Code: nqkptyn            [NOTE: Class of Previous Semester]</p> <p>URL: <a href="https://new.edmodo.com/">https://new.edmodo.com/</a>            [Current Class Code for 6<sup>th</sup> Sem Digital</p>

		Switching Systems : is3ufd ]
3	Khan Academy	<ol style="list-style-type: none"> <li>1. Useful to engage students who are poor with fundamentals of PU/10th</li> <li>2. Also helps students practice basics using Electrical Engineering fundamentals</li> <li>3. Trial carried out in previous semester.</li> </ol> <p>URL: <a href="https://www.khanacademy.org/join/4JDPWCHR">https://www.khanacademy.org/join/4JDPWCHR</a> [Currently class closed]</p>
4	Video Conferencing Zoom	<p>Video conference of 3 sessions for all subjects has been arrange. A sample schedule of 6<sup>th</sup> Semester is attached in table below. [URL: <a href="https://us04web.zoom.us/join">https://us04web.zoom.us/join</a>]</p>
5	Digital Quiz tools Google Forms	<p>Google Forms &amp; WebQuest are being used to conduct online quiz for class works, subject evaluation and also for Placement training. Sample forms are below:</p> <p><a href="https://forms.gle/PDgQKtUaEZZoYpCJ8">https://forms.gle/PDgQKtUaEZZoYpCJ8</a> Quiz used for Network Theory - 18EC32</p> <p><a href="https://forms.gle/hXxkZw9nTFbGLrs28">https://forms.gle/hXxkZw9nTFbGLrs28</a> Quiz for ARM &amp; Embedded - 17EC62</p>

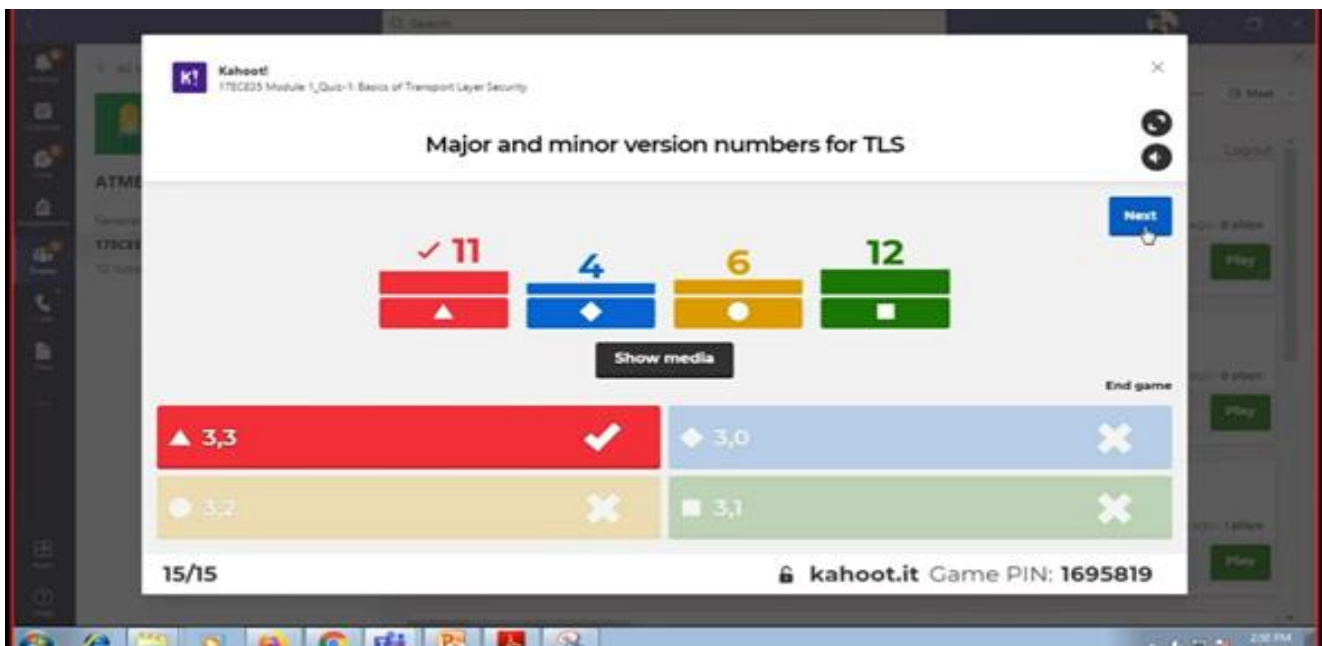


# **STUDENT RESPONSE SYSTEM**

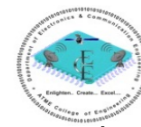
## Quiz Conducted on MS Teams under MyQuiz



## Quiz Conducted on MS Teams using Kahoot







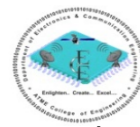
# STUDENT LEARNING RESOURCES



## AIMS LINK

<https://eerp.effia.co.in/WebForms/frmLogin.aspx>

Notes Title	Subject Name	Semester	Department Name	Is Active
<a href="#">MWA notes Mod 1 and Mod 2</a>	MICROWAVES AND ANTENNA(15EC71)	7	ELECTRONICS AND COMMUNICATION ENGINEERING	Yes
<a href="#">Microwave PPT module 4</a>	ELECTRONIC INSTRUMENTATION(17EC32)	3	ELECTRONICS AND COMMUNICATION ENGINEERING	Yes
<a href="#">Microwave PPT module 1</a>	MICROWAVES AND ANTENNA(15EC71)	7	ELECTRONICS AND COMMUNICATION ENGINEERING	Yes
<a href="#">Ei notes 2 module</a>	ELECTRONIC INSTRUMENTATION(17EC32)	3	ELECTRONICS AND COMMUNICATION ENGINEERING	Yes
<a href="#">Ei ppt2</a>	ELECTRONIC INSTRUMENTATION(17EC32)	3	ELECTRONICS AND COMMUNICATION ENGINEERING	Yes
<a href="#">Ei ppt</a>	ELECTRONIC INSTRUMENTATION(17EC32)	3	ELECTRONICS AND COMMUNICATION ENGINEERING	Yes



## DIGITAL LIBRARY



**ATME - Library  
D-Space**



**ATME - NPTEL,  
EDU Cloud Videos**



**ATME - Library  
KOHA**



**ATME - EERP**



**ATME - IEEE**



**ATME - Website**

# **NO OF TEACHERS USING ICT**

**AY : 2020-2021**

### Number of Teachers using ICT

Academic year 2020-2021

Sl No	Name	Designation	ICT Resource Utilized (Y/N)	Remarks
1	Mr. Manu Vijay	Associate Professor & HOD	Y	
2	Dr. Syed Shakeeb-Ur-Rahman	Professor (Adjunct)	Y	
3	Dr. Suneeth Kumar	Professor	Y	
4	Dr. Akshaya B J	Associate Professor	Y	
5	Mrs. Shruthi H G	Asst Professor	Y	
6	Mrs. Jyothi D N	Asst Professor	Y	
7	Mr. Srivathsa H U	Asst Professor	Y	
8	Mr. Mandeep G	Asst Professor	Y	
9	Mrs. Bharathi B	Asst Professor	Y	
10	Mr. Rudresh A N	Asst Professor	Y	
11	Mr. P Shashank	Asst Professor	Y	
12	Mr. Puneeth K	Asst Professor	Y	
13	Ms. Namitha AP	Asst Professor	Y	

  
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**AY : 2019-2020**



### Number of Teachers using ICT

Academic year 2019-2020

SI No	Name	Designation	ICT Resource Utilized (Y/N)	Remarks
1	Mr. Manu Vijay	Associate Professor & HOD	Y	
2	Dr. Syed Shakeeb-Ur-Rahman	Professor (Adjunct)	Y	
3	Dr. Akshaya B J	Associate Professor	Y	
4	Dr. Suresha K J	Associate Professor	Y	
5	Mrs. Shruthi H G	Asst Professor	Y	
6	Mrs. Jyothi D N	Asst Professor	Y	
7	Mr. Srivathsa H U	Asst Professor	Y	
8	Mr. Mandeep G	Asst Professor	Y	
9	Ms. Bharathi B	Asst Professor	Y	
10	Mr. Rudresh A N	Asst Professor	Y	
11	Mr. P Shashank	Asst Professor	Y	
12	Mr. Puneeth K	Asst Professor	Y	



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**AY : 2018-2019**

### Number of Teachers using ICT Academic year 2018-2019

Sl No	Name	Designation	ICT Resource Utilized (Y/N)	Remarks
1	Mr. Manu Vijay	Associate Professor & HOD	Y	
2	Dr. Syed Shakeeb-Ur-Rahman	Professor (Adjunct)	Y	
3	Dr. Ranganathan A	Professor	N	
4	Dr. Akshaya B J	Associate Professor	Y	
5	Dr. Suresha K J	Associate Professor	Y	
6	Mrs. Shruthi H G	Asst Professor	Y	
7	Mrs. Jyothi D N	Asst Professor	Y	
8	Mr. Manoj K G	Asst Professor	N	Higher Studies
9	Mr. Srivathsa H U	Asst Professor	Y	
10	Mr. Mandeep G	Asst Professor	Y	
11	Mrs. Ashwini Naganur	Asst Professor	N	Maternity Leave
12	Ms. Bharathi B	Asst Professor	Y	
13	Mr. Rudresh A N	Asst Professor	N	
14	Mr. P Shashank	Asst Professor	Y	
15	Mr. Puneeth K	Asst Professor	Y	



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**AY : 2017-2018**

## Department of Civil Engineering Number of Teachers using ICT

### Academic year 2017-2018

SI No	Name	Designation	ICT Resource Utilized (Y/N)	Remarks
1	Mr. Manu Vijay	Associate Professor & HOD	Y	
2	Dr. Syed Shakeeb-Ur-Rahman	Professor (Adjunct)	Y	
3	Dr. Ranganathan A	Professor	N	
4	Dr. Suresha K J	Associate Professor	Y	
5	Mrs. Shruthi H G	Asst Professor	N	Maternity Leave from March
6	Mrs. Jyothi D N	Asst Professor	Y	
7	Mr. Manoj K G	Asst Professor	N	
8	Mr. Srivathsa H U	Asst Professor	Y	
9	Mr. Mandeep G	Asst Professor	Y	
10	Mrs. Ashwini Naganur	Asst Professor	N	Maternity Leave from July
11	Ms. Bharathi B	Asst Professor	Y	
12	Mr. Rudresh A N	Asst Professor	Y	
13	Mr. Pradeep Kumar J	Asst Professor	N	Sabbatical Leave
14	Mr. P Shashank	Asst Professor	Y	
15	Ms. Namratha V Khanapur	Asst Professor	N	
16	Mr. Puneeth K	Asst Professor	Y	



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**AY : 2016-2017**

### Number of Teachers using ICT

#### Academic year 2016-2017

SI No	Name	Designation	ICT Resource Utilized (Y/N)	Remarks
1	Mr. Manu Vijay	Asst Professor & HOD	Y	
2	Dr. Syed Shakeeb-Ur-Rahman	Professor(Adjunct)	Y	
3	Dr. Suresha K J	Associate Professor	Y	
4	Ms. Apoorva Kiran	Asst Professor	Y	
5	Mrs. Shruthi H G	Asst Professor	Y	
6	Mrs. Jyothi D N	Asst Professor	Y	
7	Mr. Manoj K G	Asst Professor	N	
8	Mr. Srivathsa H U	Asst Professor	Y	
9	Mr. Mandeep G	Asst Professor	N	Sabbatical Leave from July-Dec
10	Mrs. Ashwini Naganur	Asst Professor	N	
11	Ms. Bharathi B	Asst Professor	Y	
12	Mr. Rudresh A N	Asst Professor	Y	
13	Mr. Pradeep Kumar J	Asst Professor	Y	
14	Ms. Modini V	Asst Professor	N	

  
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**AY : 2015-2016**



### Number of Teachers using ICT

Academic year 2015-2016

Sl No	Name	Designation	ICT Resource Utilized (Y/N)	Remarks
1	Mr. Manu Vijay	Asst Professor & HOD	Y	
2	Dr. Suresha K J	Asst Professor	Y	
3	Ms. Apoorva Kiran	Asst Professor	Y	
4	Mrs. Shruthi H G	Asst Professor	Y	
5	Mr, Amarnath Boraiah	Asst Professor (Adjunct)	N	
6	Mrs. Jyothi D N	Asst Professor	Y	
7	Mr. Manoj K G	Asst Professor	N	
8	Mr. Srivathsa H U	Asst Professor	Y	
9	Mr. Mandeep G	Asst Professor	Y	
10	Mrs. Ashwini Naganur	Asst Professor	N	
11	Ms. Bharathi B	Asst Professor	Y	
12	Mr. Rudresh A N	Asst Professor	Y	

  
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College of Engineering

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Department of Civil Engineering





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NBA  
ACCREDITED



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**Department of Civil Engineering**

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**Number of ICT Enabled Classroom**



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**NBA**  
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## Department of Civil Engineering

SL. No.	Name	Room No.	Facility
1	Software lab – C 101	CE101	LCD Projectors with Projection screen, WIFI Facility
2	ICT Enabled Classroom	CE106,CE107	LCD Projectors with Projection screen, WIFI Facility
3	ICT Enabled Seminar Hall	CE108	LCD Projectors with Projection screen, LAN Connection, WIFI Facility

**HOD**

**HOD**

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**Department of Civil Engineering**

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# **Facility Proof**

## Department of Civil Engineering

### CE101 CADD LAB/SOFTWARE LAB



SH 33, Harohalli (J), Karnataka 570010, India

Latitude

12.314199°

Local 12:05:06 PM

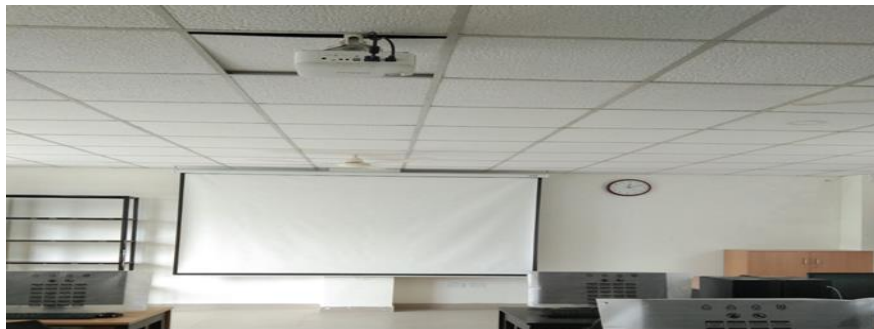
GMT 06:35:06 AM

Longitude

76.7680972°

Altitude 631.39 meters

Thursday, 08-10-2020



SH 33, Harohalli (J), Karnataka 570010, India

Latitude

12.314199°

Local 12:06:18 PM

GMT 06:36:18 AM

Longitude

76.7680972°

Altitude 631.39 meters

Thursday, 08-10-2020



SH 33, Harohalli (J), Karnataka 570010, India

Latitude

12.314199°

Local 12:06:02 PM

GMT 06:36:02 AM

Longitude

76.7680972°

Altitude 631.39 meters

Thursday, 08-10-2020



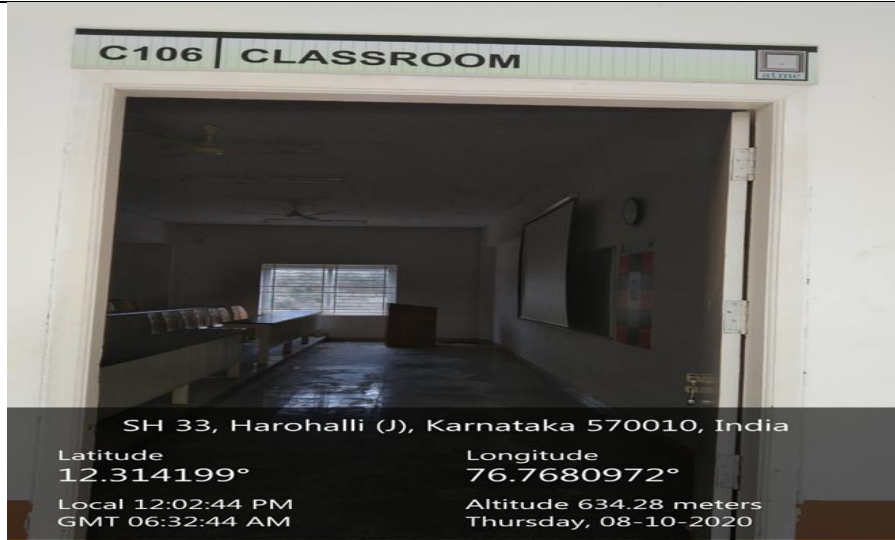
**HOD**

**HOD**

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ATME College of Engineering  
Mysuru-570028

## Department of Civil Engineering

### CE106/ Classroom

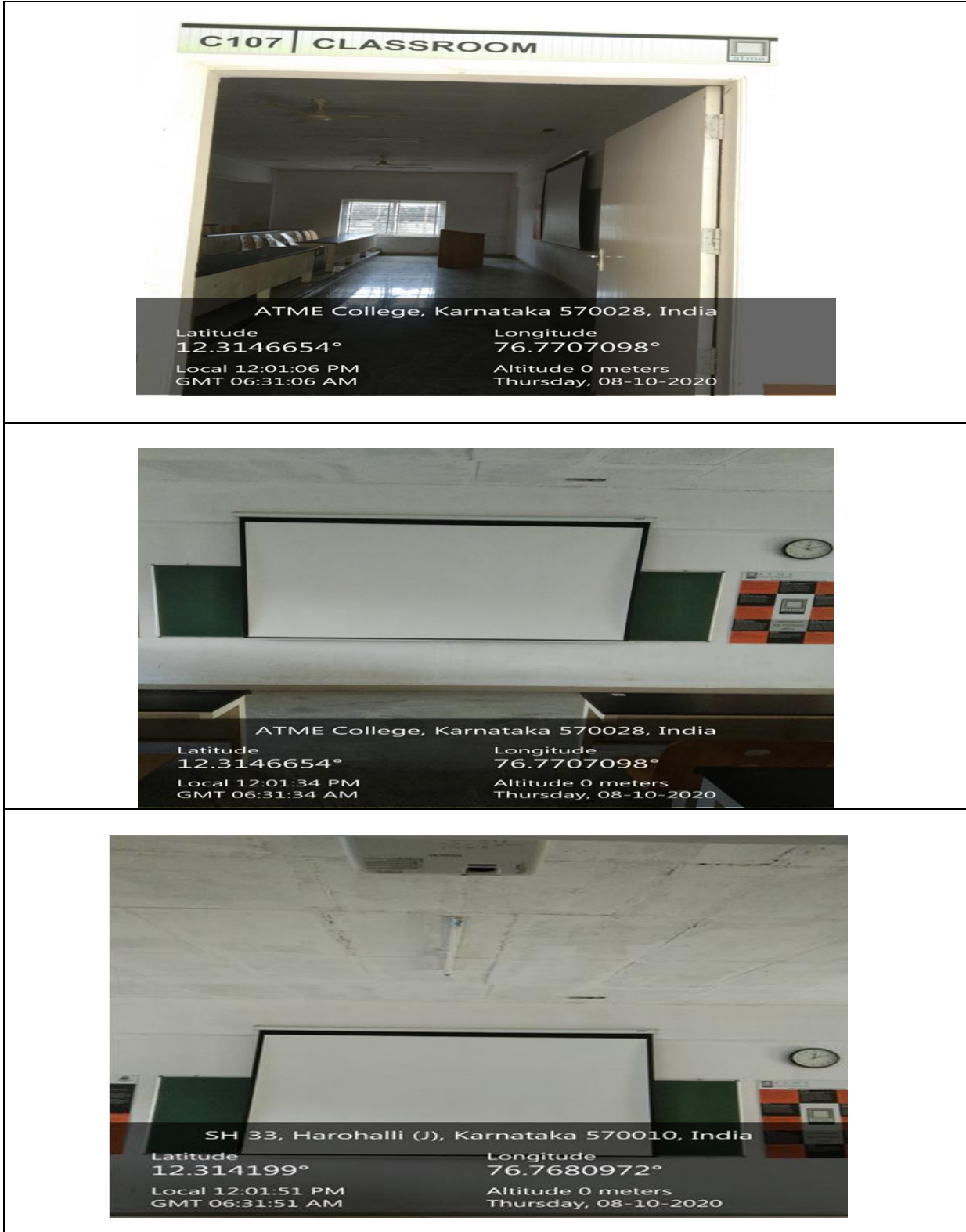


**HOD**

**HOD**  
Department of Civil Engineering  
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Mysuru-570028

## Department of Civil Engineering

### EE107/Class Room



HOD

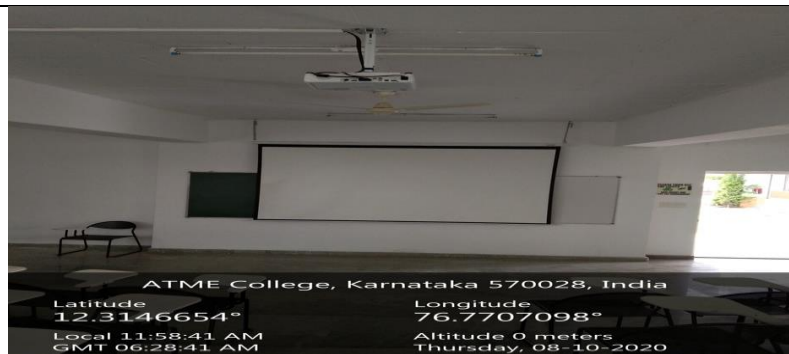
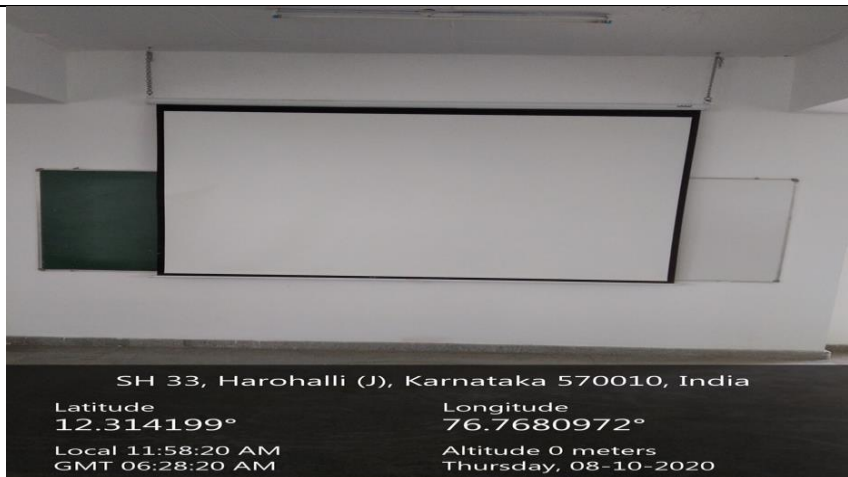
HOD

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## Department of Civil Engineering

### CE108 Seminar hall



**HOD**

**HOD**

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## **ICT Resources**



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## Department of Civil Engineering

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### ICT Resources Utilized for Teaching and Learning Process



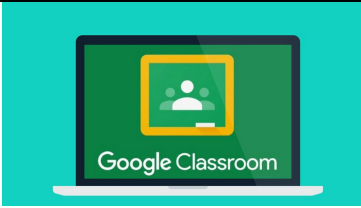

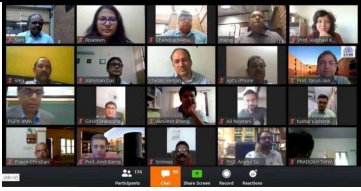

Information Communication Technology (ICT) tools contribute to high quality lessons as they have potential to increase students' motivation, connect students to many information sources, and support out-class learning environments. The Department of Civil Engineering is inclined to use of following ICT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

ICT Resources	
Delivery	Assessment
<ol style="list-style-type: none"><li>1. MS Teams</li><li>2. PPT</li><li>3. Google Classroom</li><li>4. YouTube</li><li>5. Zoom</li><li>6. Virtual Labs</li><li>7. EDMODO</li></ol>	<ol style="list-style-type: none"><li>1. Student Response System</li><li>2. MS Team Form Quiz</li><li>3. Google Forms Quiz</li></ol>

#### Additional Learning ICT Resources

1. EDUSAT
2. Digital Library
3. Study Materials
4. CERP
5. Flipped Classroom

## Department of Civil Engineering

Delivery	
Microsoft Teams(Licensed)	
PPT	
Google Classroom	
YouTube (Recorded Videos)	
Zoom	
Virtual Labs	 <p>Virtual Labs</p> <p>An MHRD Govt of India Initiative</p>

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## Department of Civil Engineering

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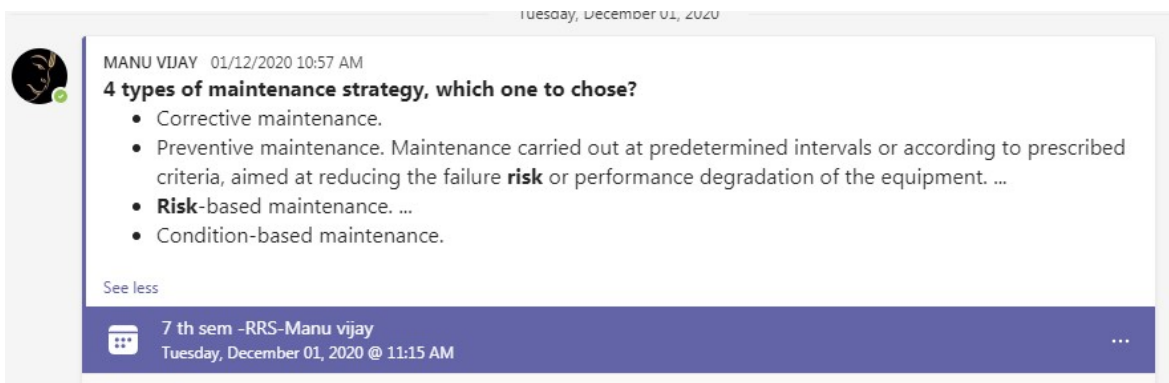
# Microsoft Teams

The institution has licensed MS teams for the benefit of students in Teaching & Learning process.

## 1. MS Teams Delivery Sample Screenshots

**Manu Vijay**

**Associate Professor & HoD**



Tuesday, December 01, 2020

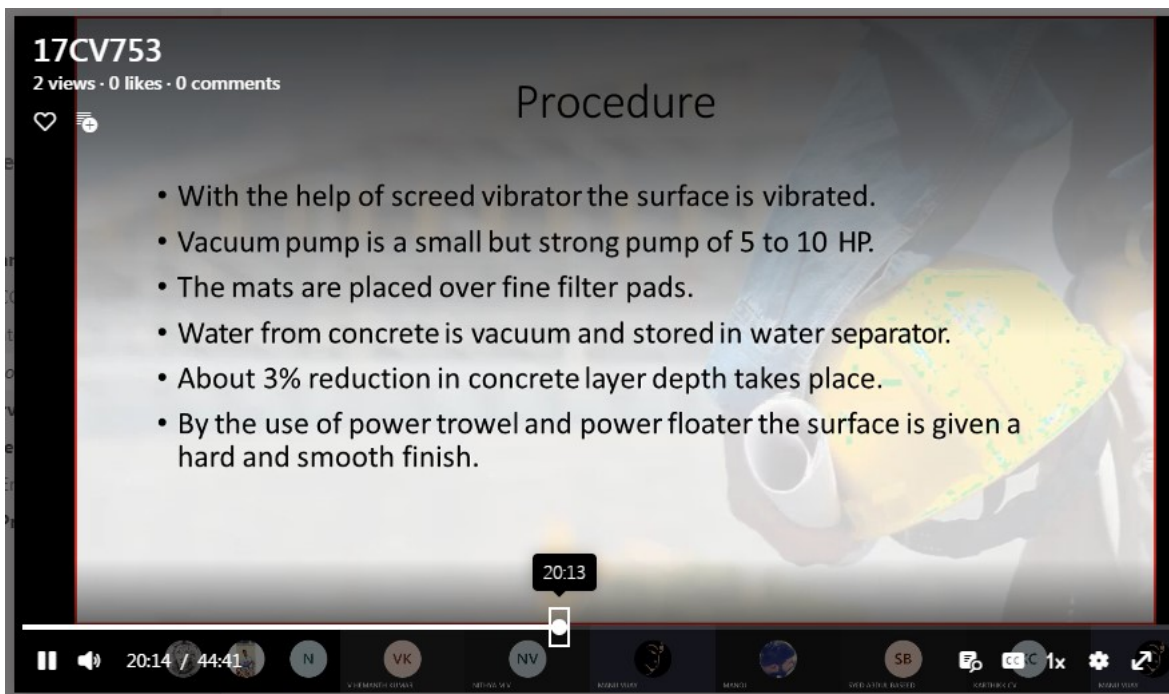
MANU VIJAY 01/12/2020 10:57 AM

**4 types of maintenance strategy, which one to chose?**

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

See less

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



17CV753  
2 views · 0 likes · 0 comments

Procedure

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

20:13

20:14 / 44:41

N VK NV SB

Department of Civil Engineering

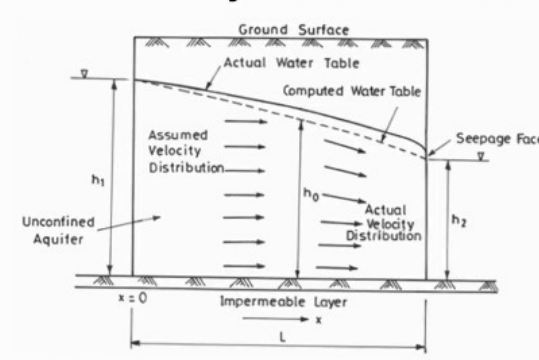
Dr Akashaya B J  
Associate Professor

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

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

Meeting ended: 11s  
17CV742- Permeability in isotropic layered soils, Steady one dimensional flow (repetition class) ended: 2m 4s  
17CV742- Permeability in isotropic layered soils, Steady one dimensional flow (repetition class) ended: 34m 48s  
17CV742- Permeability in isotropic layered soils, Steady one dimensional flow (repetition class) ended: 32m 27s  
Meeting ended: 9s  
Meeting ended: 8s


## Steady Flow in Unconfined Aquifers




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

**Department of Civil Engineering**

**Mr. Srivatsha H U**  
**Assistant Professor**


**SRIVATHSA H U** 02/02 9:49 AM  
 Scheduled a meeting


**Design of Gantry Girder**  
 Tuesday, February 02, 2021 @ 10:00 AM

5 replies from SRIVATHSAHU

← Reply

17CV72 - Design of RCC and Ste... Posts Files Notes +

### Design of Gantry Girder

14 views · 0 likes · 0 comments

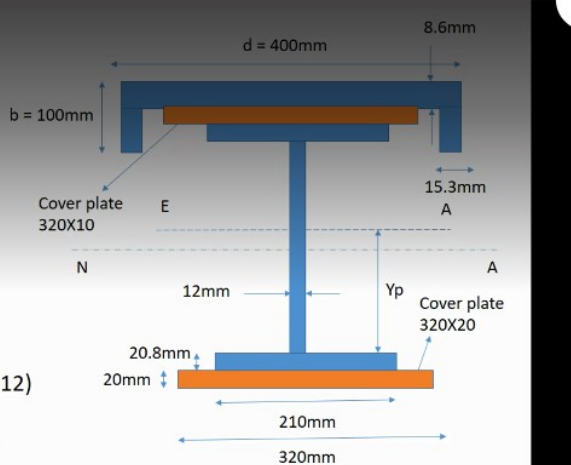
	ISMC400
Area	156.21cm <sup>2</sup> / 62.93cm <sup>2</sup>
Depth	600mm / 400mm
Breadth	210mm / 100mm
Thickness of flange	20.8mm / 15.3mm
Thickness of web	12mm / 8.6mm
Centroidal axis	- / 24.2mm

**Location of Equal area axis**

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

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

Yp = 404.41mm



## Department of Civil Engineering

**Mr. Puneth K**  
**Assistant Professor**

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

See more

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

Collapse all

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

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

6 views · 0 likes · 0 comments

$\kappa = C_v \times m_v \times \gamma_w$

Coefficient of volume compressibility,

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

Coefficient of consolidation,

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

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

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

Time taken, 17703180.2 sec

17:20



## Department of Civil Engineering

### MS Teams Screenshot Project Evaluation:

**TESTS ON PERVIOUS CONCRETE**

**COMPRESSIVE STRENGTH OF PERVIOUS CONCRETE:**

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




Fig: compression test




Fig: Standard cube mould


Meeting in "General" **LITHOLOGY MAP**  
1 view - 0 likes - 0 comments

Lithology Map Of Periyapatana Taluk

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


LITHOLOGY MAP		
LITHOLOGICAL UNITS	AREA (km <sup>2</sup> )	AREA IN PERCENTAGE
Amphibolitic Metapelite Schist/PoliticCAL Chloranokite	14.2543	1.31
Migmatites And Granodiorite - Tonalitic Gneiss	251.8821	23.26
	816.7299	75.42
<b>Total</b>	<b>1082.866</b>	<b>100</b>

### Internship Evaluation:



## INTERNSHIP REPORT

### PRESENTATION ON BSR READYMIX CONCRETE



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

**PRESENTED BY:**  
DEEKSHITH VV  
USN (4AD15CV009)

### Seminar Evaluation

Meeting in "General" **BLOCK WORKS (BBM)**  
9 views - 0 likes - 0 comments

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

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



**Department of Civil Engineering**

**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	<a href="https://web.microsoftstream.com/video/85eec53e-a0f2-4f63-9390-4b7923acd51c">https://web.microsoftstream.com/video/85eec53e-a0f2-4f63-9390-4b7923acd51c</a>
IDA	15CV82	Mr.Mandeep G	M3	<a href="https://web.microsoftstream.com/video/9c979038-86b3-450a-9dad-b2e21c01363a">https://web.microsoftstream.com/video/9c979038-86b3-450a-9dad-b2e21c01363a</a>

**VI Semester:**

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

**IV Semester:**

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

**II Semester:**

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

## Department of Civil Engineering

### 2020-2021|ODD Semester|

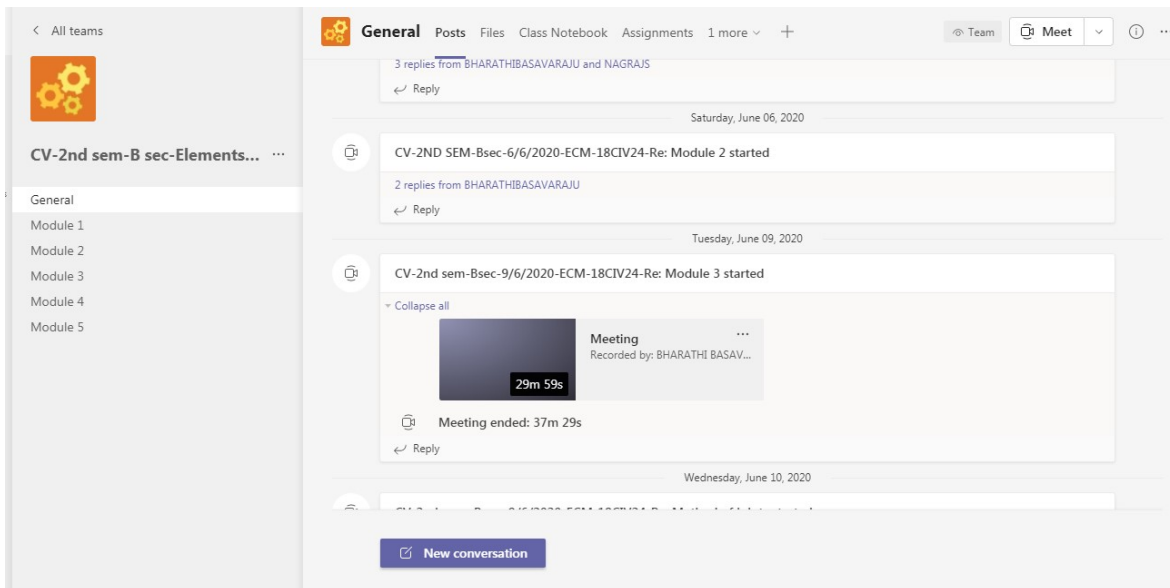
Course	Code	Faculty	Module	Link of AV files
MC	18CV51	Mandeep G	5	<a href="https://web.microsoftstream.com/video/a0117e80-8667-4552-821c-7e58f0d962dc">https://web.microsoftstream.com/video/a0117e80-8667-4552-821c-7e58f0d962dc</a>

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

### 2020-2021|Even Semester|

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

### MS Teams Channel Screenshot



The screenshot shows a Microsoft Teams channel for 'CV-2nd sem-B sec-Elements...'. The channel is set to 'General' and contains several posts:

- A post from BHARATHIBASAVARAJU and NAGRAJS with 3 replies, dated Saturday, June 06, 2020.
- A post titled 'CV-2ND SEM-Bsec-6/6/2020-ECM-18CIV24-Re: Module 2 started' with 2 replies from BHARATHIBASAVARAJU, dated Tuesday, June 09, 2020.
- A post titled 'CV-2nd sem-Bsec-9/6/2020-ECM-18CIV24-Re: Module 3 started' with a collapsed reply section. The collapsed section shows a meeting recording titled 'Meeting Recorded by: BHARATHI BASAV...' with a duration of 29m 59s. Below the recording, it states 'Meeting ended: 37m 29s'.

The channel navigation pane on the left lists 'General' and 'Module 1' through 'Module 5'. At the bottom of the channel, there is a 'New conversation' button.



## Department of Civil Engineering

General Posts Files Class Notebook Assignments 1 more

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

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

Thursday, June 11, 2020

General started

New conversation

General Posts Files Class Notebook Assignments 1 more

Tuesday, June 02, 2020 @ 12:00 PM

8 replies from SHRUTHIHG, PRUTHVIR, NANDINIG, and THOOBAS

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

Meeting  
Recorded by: SHRUTHI H G  
35m 23s

Meeting ended: 47m 37s

Meeting ended: 6s

Monday, June 08, 2020

New conversation



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**Power Point Presentation**

**Department of Civil Engineering**

**Sample PPT Screenshots**

**Course: Design of Steel Structures**

Course Code: 17CV62

Course Coordinator: Mr.Srivatsha H U

Module:2

**Problems**

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

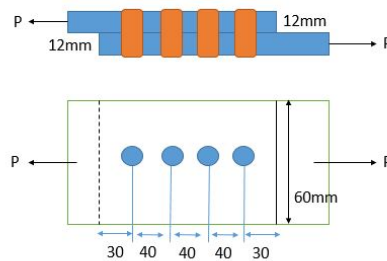
**Given:** M16  $\rightarrow d = 16\text{mm}$

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

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

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

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



**Design Shear capacity of bolt**

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

Assuming threads intercepting the shear plane

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

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

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

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

**Department of Civil Engineering**

**Course: Water supply and Treatment Engineering**

Course Code: 17CV46

Course Coordinator: Ms. Shruthi H G

Module: 1

**POPULATION DATA AND POPULATION GROWTH**

Birth



Death



Migration



Activate Windows  
Go to PC settings to activate Windows.

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

Activate Windows  
Go to PC settings to activate Windows.

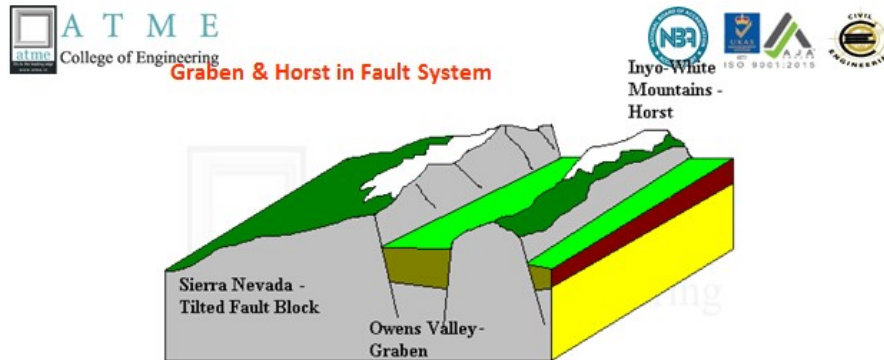
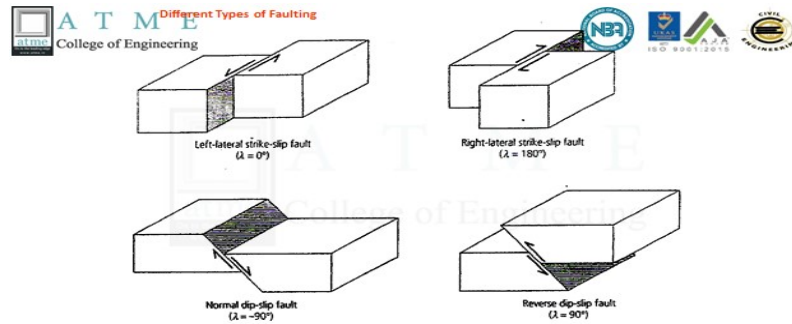
## Department of Civil Engineering

**Course: Earth quake engineering**

Course Code: 17CV831

Course Coordinator: Mr Manu Vijay

Module:1





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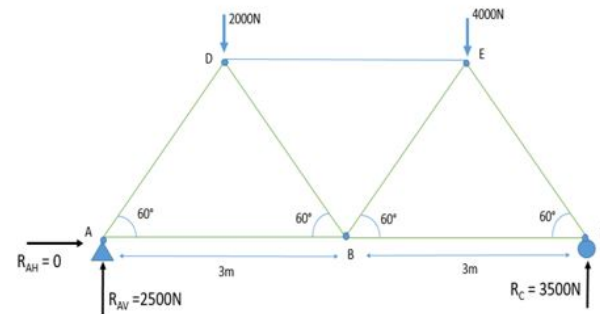
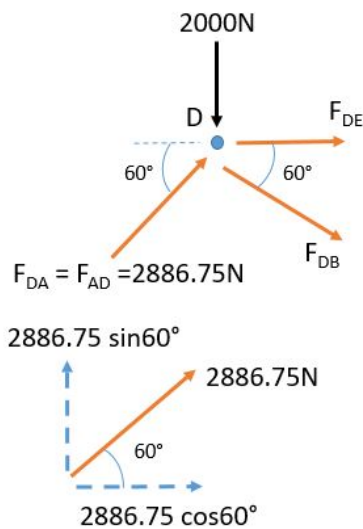
### Course: Elements of Civil Engineering and Mechanics

Course Code: 18CV14

Course Coordinator: Mrs Bharthi B

Module:3

Consider Joint D



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

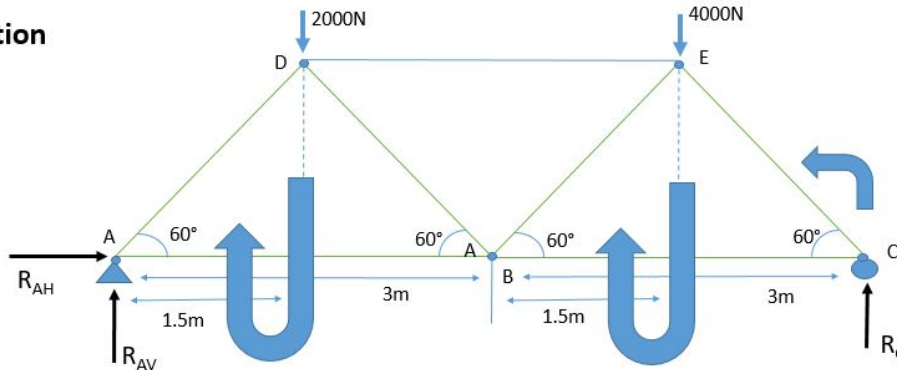
$$F_{DB} = 577.35\text{N (T)}$$

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

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

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

Solution



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

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

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

Taking moment of forces about A

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

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

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

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



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**Google Classroom**



## Department of Civil Engineering

### Google Classroom Screenshots

Quiz on  
Engineering  
Mechanics

Answer the following multiple choice questions given below

\* Required

Email address \*

Your email \_\_\_\_\_

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

Kilogram

Newton

3:36

### Analysis of Indeterminate structures

NAME OF STUDENT:

Email address \*

Valid email address

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

Question

Multiple choice

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



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**YouTube**



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**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	<a href="https://youtu.be/EuKL6AG-21g">https://youtu.be/EuKL6AG-21g</a>
			Venturimeter	<a href="https://youtu.be/GnF13X9owyU">https://youtu.be/GnF13X9owyU</a>
			V notch experiment	<a href="https://youtu.be/hQzg7QpHL8Y">https://youtu.be/hQzg7QpHL8Y</a>
6th	Software lab	Mr. Srivatsha H U	Earth work calculations	<a href="https://youtu.be/E3Mfqsp39c">https://youtu.be/E3Mfqsp39c</a>
			Super Elevation	<a href="https://youtu.be/bw0UZi3QP5c">https://youtu.be/bw0UZi3QP5c</a>
			Analysis of Beams	<a href="https://youtu.be/OIgI52ar9vc">https://youtu.be/OIgI52ar9vc</a>
5 <sup>th</sup> semester	Highway materials lab	Mr Rudresh A N	Impact test on aggregate	<a href="https://youtu.be/3Koj4Rc7kbM">https://youtu.be/3Koj4Rc7kbM</a>
5 <sup>th</sup>	Concrete lab	Mr Rudresh A N	Initial setting time of cement	<a href="https://youtu.be/JGIIgGOGouo">https://youtu.be/JGIIgGOGouo</a>
7 <sup>th</sup>	Enviormental enginneirng lab	Mrs Bharathi B	Flame photoameter	<a href="https://youtu.be/5Zwf2lan9ww">https://youtu.be/5Zwf2lan9ww</a>



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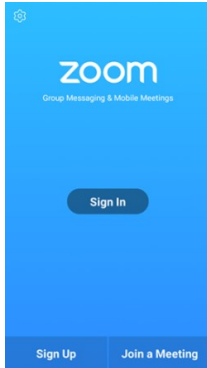
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**Zoom**

## Department of Civil Engineering

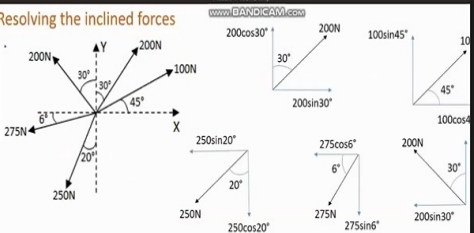
### Zoom Sample Screenshot

#### ➤ 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.

#### Resolving the inclined forces

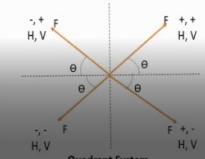


$$\sum F_x = 200\sin 30^\circ + 100\cos 45^\circ - 250\sin 20^\circ - 275\cos 6^\circ - 200\sin 30^\circ = -288.28\text{N}$$

$$\sum F_y = 200\cos 30^\circ + 100\sin 45^\circ - 250\cos 20^\circ - 275\sin 6^\circ + 200\cos 30^\circ = 153.45\text{N}$$

#### Basics of Sign Convention

- Horizontal Force:  $\rightarrow +ve$ ,  $\leftarrow -ve$
- Vertical Force:  $\uparrow +ve$ ,  $\downarrow -ve$
- For Inclined Resolution of Forces



Quadrant System



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**Virtual Labs**



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

### COMPRESSION TEST ON MILD STEEL

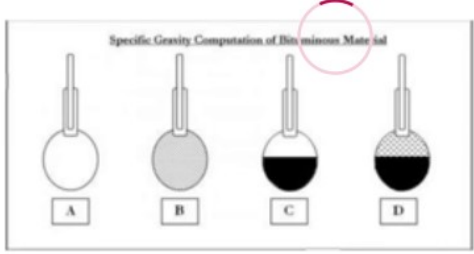
STEP 6 Observations and Calculations.

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

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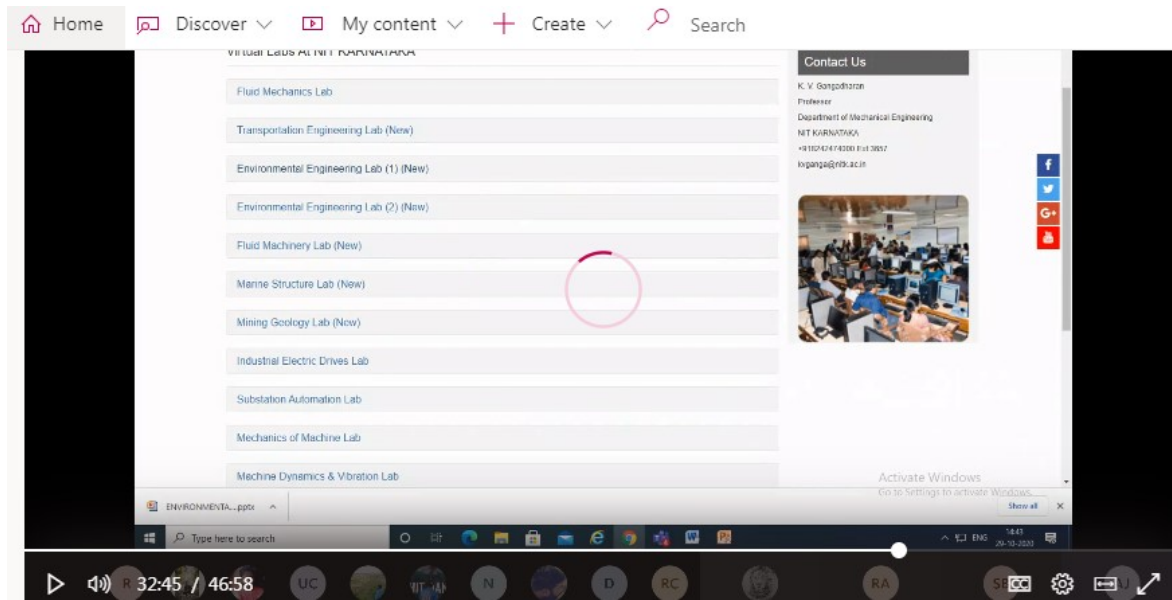
### Specific Gravity Test

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



Activate Windows  
Go to Settings to activate Windows.

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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 HUZAF**  
(4AD17EE022)

**SIMRAH FATHIMA**  
(4AD17EE034)

**SYED RAWOOFUR RAHMAN**  
(4AD17EE038)

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



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

**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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# Assessment

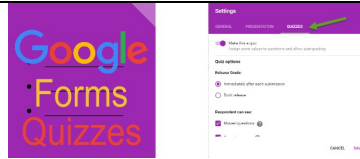
Student Response System



MS Team Form Quiz



Google Forms Quiz





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## **Student Response System**

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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 : Applied Hydraulics**

<b>Date Created</b>	<b>Total Participants</b>	<b>Semester</b>
27/02/2020 2:13:31 PM	17	4th
<b>Average Score</b>	<b>Subject Name</b>	<b>Section</b>
45.59%	Applied Hydraulics	B

### Results Detail

NAME OF THE STUDENT	Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Total Points	Score
	Answer Key	C	A	D	A	B	A	D	A	10.00	100.00%
DARSHAN N S	E30FEA	C	B	C	C	B	B	D	A	4.00	50.00%
DEEPTHI J	E30F5C	D	A	A	A	B	A	B	C	4.00	50.00%
AMRUTHA K K	E31036	C	A	A	A	C	D	D	A	5.00	62.50%
AKSHATHA G C	E31026	A	B	D	A	B	C	D	C	4.00	50.00%
MONISHA	E31022	C	B	B	A	B	B	D	C	4.00	50.00%
LOCHAN	E30FEB	A	A	A	A	B	C	D	A	5.00	62.50%
PRAVEEN M D	E30FF0	D	A	A	A	B	C	B	B	3.00	37.50%
SHIVRAJ	E30F74	D	A	D	A	C	A	B	A	5.00	62.50%
MANITH GOWDA	E30EED	D	A	D	A	D	A	B	C	4.00	50.00%
NIKHIL GOWDA J	E3102E	A	A	A	B	D	C	D	A	3.00	37.50%
ANUSHA D S	E30FAC	C	D	D	B	A	B	B	A	3.00	37.50%
SAGAR K G	E30FCD	A	D	A	A	A	B	C	D	1.00	12.50%
THOوبا S	E31000	A	D	A	C	A	B	D	A	2.00	25.00%
JAMUNA D	E3178B	A	D	D	C	A	B	D	A	3.00	37.50%
PAVAN KUMAR R	E30F7A	A	D	D	A	B	B	D	A	5.00	62.50%
NITHIN D	E30F24	C	A	A	A	B	B	D	A	6.00	75.00%
BHEEMANAGOWDA	E30F46	A	D	D	C	A	B	C	D	1.00	12.50%
<b>Averages</b>										3.65	45.59%



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## **MS Team Form Quiz**

## Department of Civil Engineering

### Sample Response Form

#### RRS-4 (7th Semester\_A Sec\_CV) (10 Points)

1. The treatment given to the roof of a building to prevent the roof from the leakage of water is known as  
(1 Point)

- Fire proofing
- Damp proofing ✓
- Termite proofing
- Sound proofing

2. In order to secure superstructure from an earthquake ----- is most preferred and used worldwide  
(1 Point)

- Reinforcement
- Base Isolation ✓
- Energy Dissipation
- Seismic Dampers
- Option 2

3. The instrument which is used to measure the earthquake shaking is called  
(1 Point)

- a) Seismograph ✓
- b) Anemometer
- c) Barometer
- d) Nomograph

4. Which of the following instruments is used to measure the magnitude of an earthquake?  
(1 Point)

- a) Seismograph
- b) Speedometer
- c) Ammeter
- d) Richter scale ✓

5. ----- is the process in which we cover the structural members of a building to increase the strength of the building.  
(1 Point)

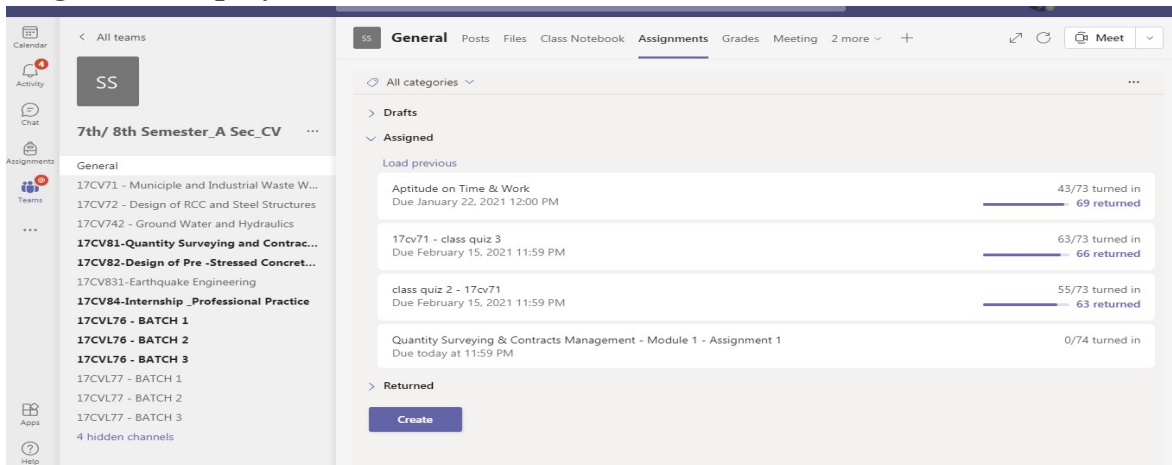
- (a) Jacketing ✓
- (b) scaffoldings
- (c) Shoring
- (d) Seismic Retrofitting

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### Response Evaluation

ID	Start time	Completion time	Email	Name	Total points	Quiz ID	Grade posted
1	12/11/20 17:05:44	12/11/20 17:17:27	SPRAJWAL_3CV@	SPRAJWAL CV	9		12/12/20 9:52:29
2	12/11/20 17:11:42	12/11/20 17:23:45	MAHAMMEDZAI	MAHAMMEDZAI	10		12/12/20 9:52:26
3	12/11/20 18:51:40	12/11/20 18:58:37	SYEDABDULBASE	SYEDABDULBASE	10		12/12/20 9:52:29
4	12/11/20 19:10:45	12/11/20 19:11:23	AKSHATHAN_3CV	AKSHATHAN CV	10		12/12/20 9:52:24
5	12/11/20 19:10:17	12/11/20 19:11:26	NAGARATHMAHT	NAGARATHMAHT	10		12/12/20 9:52:27
6	12/11/20 19:10:47	12/11/20 19:11:34	YATHISHKUMARS	YATHISHKUMARS	10		12/12/20 9:52:29
7	12/11/20 19:13:04	12/11/20 19:14:54	NIRUPANAGOUD	NIRUPANAGOUD	10		12/12/20 9:52:27
8	12/11/20 19:14:13	12/11/20 19:15:33	ROOPININ_3CV@	ROOPININ CV	10		12/12/20 9:52:29
9	12/11/20 19:17:48	12/11/20 19:19:01	DIYASHREEGRA	DIYASHREEGRA	10		12/12/20 9:52:24
10	12/11/20 19:19:06	12/11/20 19:20:13	PRUTHVIJS_3CV@	PRUTHVIJS CV	10		12/12/20 9:52:28
11	12/11/20 19:20:34	12/11/20 19:21:39	NITHYAMV_3CV@	NITHYAMV CV	10		12/12/20 9:52:28
12	12/11/20 19:21:42	12/11/20 19:23:21	LAVANYABC_3CV	LAVANYABC CV	10		12/12/20 9:52:26
13	12/11/20 19:40:59	12/11/20 19:40:59	CHIDAMBARAGU	CHIDAMBARAGU	10		12/12/20 9:52:24
14	12/11/20 20:57:57	12/11/20 20:59:53	RAJINIKANTHK_3	RAJINIKANTHK CV	10		12/12/20 9:52:29
15	12/12/20 9:11:49	12/12/20 9:13:15	MANOJ_3CV@at	MANOJ CV	10		12/12/20 9:52:26
16	12/12/20 9:17:00	12/12/20 9:17:48	MOHANND_3CV@	MOHANND CV	10		12/12/20 9:52:27
17	12/12/20 10:00:32	12/12/20 10:01:56	KAUSHALBC_3CV	KAUSHALBC CV	10		12/14/20 12:30:11
18	12/12/20 10:08:54	12/12/20 10:10:23	RAKESHA_3CV@	RAKESHA CV	10		12/14/20 12:30:12
19	12/12/20 10:08:57	12/12/20 10:11:08	YOGASWATHIM_3	YOGASWATHIM C	10		12/14/20 12:30:15
20	12/12/20 10:13:14	12/12/20 10:14:09	PAVITHRABS_3C	PAVITHRABS CV	10		12/14/20 12:30:12
21	12/12/20 10:11:17	12/12/20 10:40:37	SHASHANKMR_3	SHASHANKMR CV	8		12/14/20 12:30:12
22	12/12/20 10:44:35	12/12/20 10:45:29	ALEXABRAHAMF	ALEXABRAHAMF	10		12/14/20 12:30:09
23	12/12/20 11:14:22	12/12/20 11:15:55	CHIRAGR_3CV@	CHIRAGR CV	9		12/14/20 12:30:10
24	12/12/20 11:02:26	12/12/20 11:25:52	YASHWANTHB_3	YASHWANTHB CV	10		12/14/20 12:30:14
25	12/12/20 11:36:06	12/12/20 11:36:40	YASHWANTHL_3	YASHWANTHL CV	10		12/14/20 12:30:14
26	12/12/20 11:42:10	12/12/20 11:42:46	PUTTAVEREGOWI	PUTTAVEREGOWI	10		12/14/20 12:30:12
27	12/12/20 11:46:29	12/12/20 11:47:43	VISHWASR_3CV@	VISHWASR CV	10		12/14/20 12:30:13
28	12/12/20 11:49:48	12/12/20 11:50:51	ADANCLERFORDA	ADANCLERFORDA	10		12/14/20 12:30:09
29	12/12/20 12:17:56	12/12/20 12:20:00	YASHASR_3CV@	YASHASR CV	10		12/14/20 12:30:14
30	12/12/20 12:45:37	12/12/20 12:46:28	TEJASM_3CV@at	TEJASMCV	10		12/14/20 12:30:13
31	12/12/20 12:43:01	12/12/20 12:47:02	SHIVAPRASADUG	SHIVAPRASADUG	10		12/14/20 12:30:13
32	12/12/20 13:41:08	12/12/20 13:42:43	ANUSHAN_3CV@	ANUSHAN CV	10		12/14/20 12:30:09
33	12/12/20 14:07:52	12/12/20 14:09:12	HRUTHIKS_3CV@	HRUTHIKS CV	10		12/14/20 12:30:11
34	12/12/20 14:07:34	12/12/20 14:17:50	CHANDANN_3CV	CHANDANN CV	6		12/14/20 12:30:10
35	12/12/20 17:43:22	12/12/20 17:45:51	NAVEENM_3CV@	NAVEENM CV	10		12/14/20 12:30:12
36	12/12/20 17:52:01	12/12/20 17:53:06	MEGHAN_3CV@a	MEGHAN CV	10		12/14/20 12:30:11
37	12/12/20 20:53:32	12/12/20 20:54:34	ARUNA_3CV@at	ARUNA CV	10		12/14/20 12:30:10
38	12/14/20 12:07:31	12/14/20 12:18:38	RAKSHITHM_3CV	RAKSHITHM CV	6		12/14/20 12:30:12
39	12/14/20 12:35:48	12/14/20 12:36:14	NANDANS_3CV@	NANDANS CV	10		12/14/20 12:44:59
40	12/14/20 11:22:15	12/14/20 12:37:16	CHETHANAGOWE	CHETHANAGOWE	10		12/14/20 12:44:59

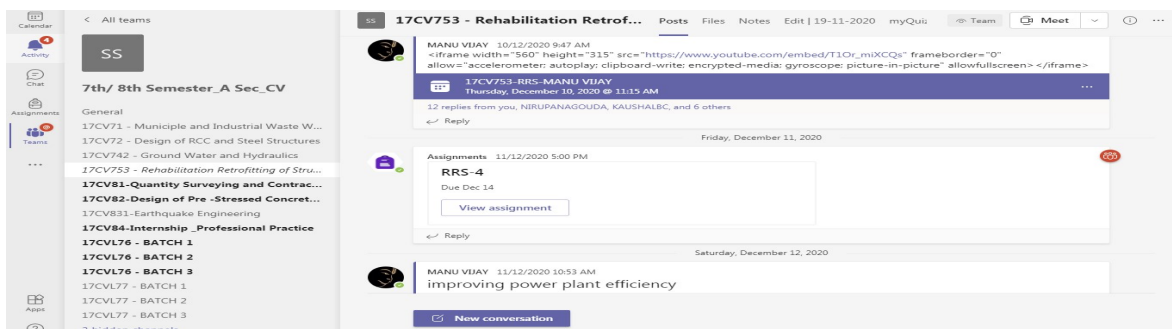
### Assignment Deployment



The screenshot shows the Canvas LMS interface for a course titled "7th/ 8th Semester\_A Sec\_CV". The "Assignments" tab is active, displaying a list of assignments. The "Assigned" section shows the following assignments:

- Aptitude on Time & Work**: Due January 22, 2021 12:00 PM. 43/73 turned in, 69 returned.
- 17cv71 - class quiz 3**: Due February 15, 2021 11:59 PM. 63/73 turned in, 66 returned.
- class quiz 2 - 17cv71**: Due February 15, 2021 11:59 PM. 55/73 turned in, 63 returned.
- Quantity Surveying & Contracts Management - Module 1 - Assignment 1**: Due today at 11:59 PM. 0/74 turned in.

The "Returned" section is currently empty. A "Create" button is visible at the bottom of the assignment list.



The screenshot shows a discussion thread in Canvas LMS for the assignment "17CV753 - Rehabilitation Retrof...". The thread includes the following content:

- A post from MANU VIJAY dated 10/12/2020 9:47 AM with a video embed from YouTube.
- A reply from MANU VIJAY dated Thursday, December 10, 2020 @ 11:15 AM.
- A reply from MANU VIJAY dated Friday, December 11, 2020.
- An announcement for "RRS-4" due on Dec 14, with a "View assignment" button.
- A reply from MANU VIJAY dated 11/12/2020 5:00 PM.
- A reply from MANU VIJAY dated Saturday, December 12, 2020, with the text "improving power plant efficiency".

A "New conversation" button is located at the bottom of the thread.





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**Google Form Evaluation**



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**Sample Screenshot**

**Google Form Evaluation**



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Quiz | Edmodo

new.edmodo.com/quiz-edit/14803751?onAssignedRedirect=grading&quiz\_id=17843482

Apps Gmail YouTube Maps CERP Mysuru City Corpor...

### Quiz on Engineering Mechanics

**i** Editing quiz questions is limited because this quiz has already been assigned. If you need to m

- 1 Quiz Details
- 2 Quiz Questions

#### Quiz Details

Quiz Title  
Quiz on Engineering Mechanics

Instructions  
Attend all questions and each will carry one mark

Due On  
03/28/2020 12 00

- Randomize questions
- Add to Gradebook (Progress)
- Show score upon completion
- Show correct answer upon completion



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Quiz Grading | Edmodo

new.edmodo.com/quiz-grade/17843482

Apps Gmail YouTube Maps CERP Mysuru City Corpor...

edmodo Home Classes Calendar Discover Messages

AVERAGE SCORE

# 75%

8 / 10 points

MEDIAN SCORE

# 80%

8 / 10 points

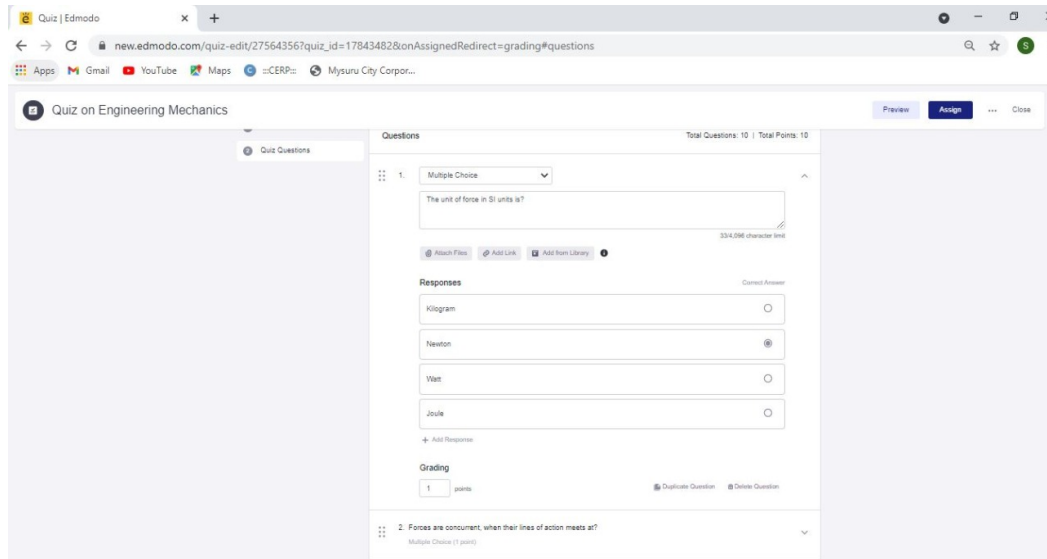
QUESTION BREAKDOWN

Question	Correct	Partial Credit	Incorrect
1	9	0	1
2	7	0	3
3	8	0	2
4	6	0	4
5	7	0	3
6	8	0	2

SCORE DISTRIBUTION (%)

Score Range (%)	Count
0-9	3
10-19	2
20-29	0
30-39	0
40-49	3
50-59	2

## Department of Civil Engineering



Quiz | Edmodo

new.edmodo.com/quiz-edit/27564356?quiz\_id=17843482&onAssignedRedirect=grading#questions

Apps Gmail YouTube Maps ::CERP:: Mysuru City Corpor...

Quiz on Engineering Mechanics

Questions Total Questions: 10 | Total Points: 10

1. Multiple Choice

The unit of force in SI units is?

334,096 character limit

Attach Files Add Link Add from Library

Responses Correct Answer

Kilogram

Newton

Watt

Joule

Add Response

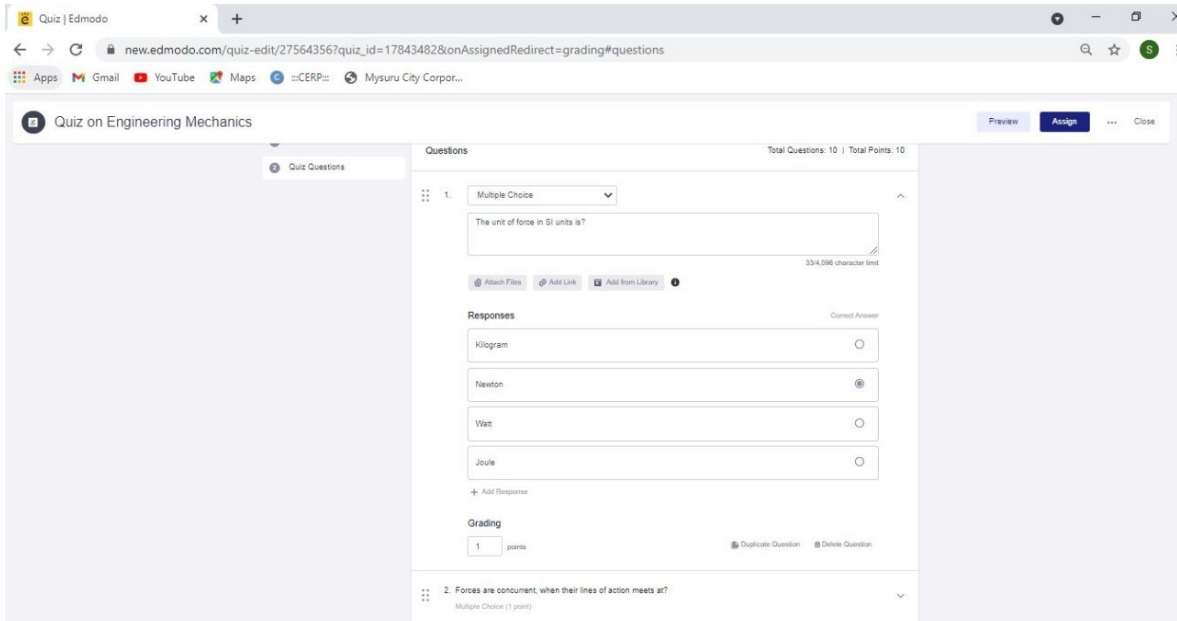
Grading

1 points Duplicate Question Delete Question

2. Forces are concurrent, when their lines of action meets at?

Multiple Choice (1 point)

### Sample Form



Quiz | Edmodo

new.edmodo.com/quiz-edit/27564356?quiz\_id=17843482&onAssignedRedirect=grading#questions

Apps Gmail YouTube Maps ::CERP:: Mysuru City Corpor...

Quiz on Engineering Mechanics

Questions Total Questions: 10 | Total Points: 10

1. Multiple Choice

The unit of force in SI units is?

334,096 character limit

Attach Files Add Link Add from Library

Responses Correct Answer

Kilogram

Newton

Watt

Joule

Add Response

Grading

1 points Duplicate Question Delete Question

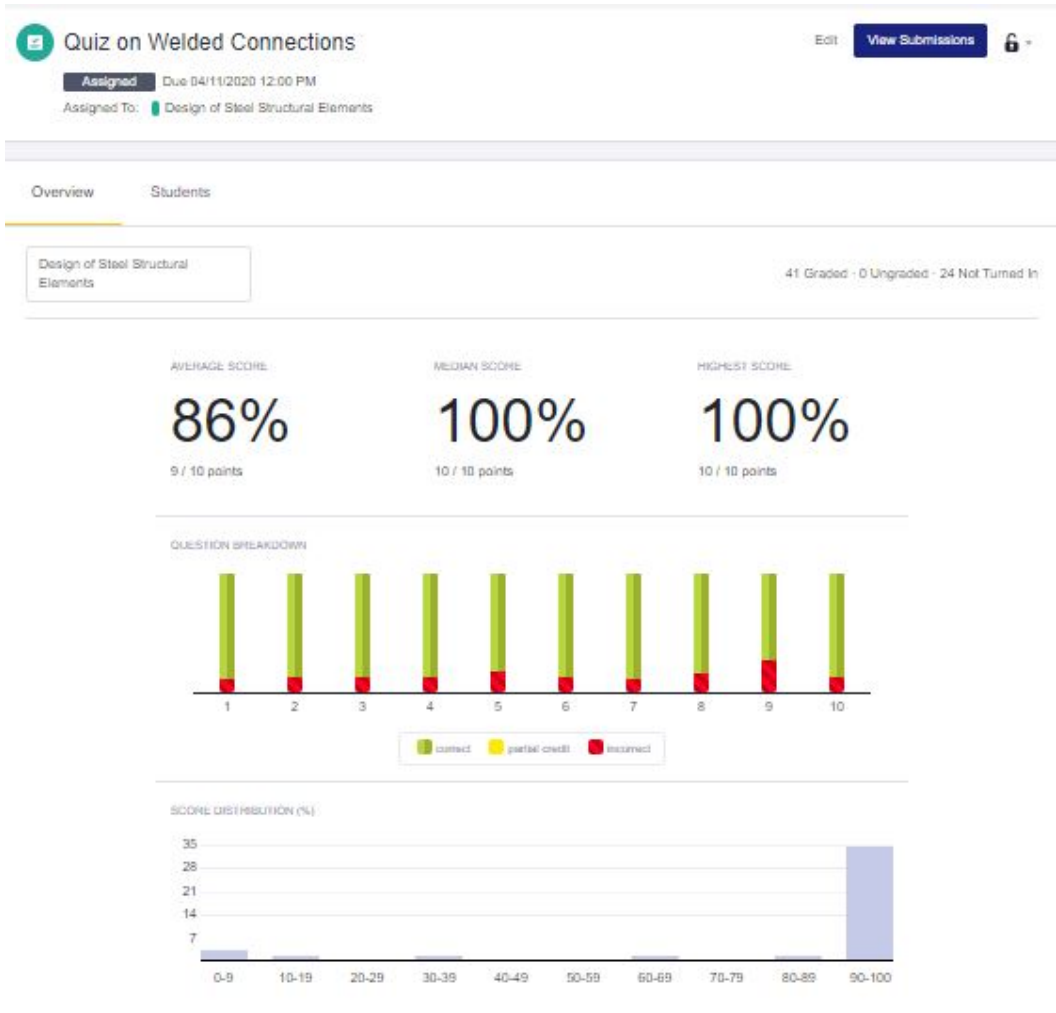
2. Forces are concurrent, when their lines of action meets at?

Multiple Choice (1 point)



Department of Civil Engineering

Response Evaluation





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**Additional Learning ICT Resources**

1. VTU EDUSAT Classroom
2. Digital Library
3. Study Materials
4. CERP
5. Flipped Classroom



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**VTU EDUSAT Classroom**



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Facility is provided for all students to access NPTEL Video through Digital Library. EDUSAT Videos are played for student learning purpose

### NPTEL/EDUSAT Video Lecture Session



Students listening to the video lecture session on Analysis of determinate structures

### Digital Library

The Library is having 24 computers with internet facility. DVD/CDs are provided in the library and are made accessible to students and Faculty members. Around 1383 digital materials of CDs & DVDs are available in the Digital Library. Student can view the same and as well as student can borrow for an overnight.

NPTEL & Edusat E-Learning resources taken from the VTU for beneficial of Faculties, Students & Research scholars. The above services are IP enabled and can be accessed anywhere in the campus.

**NPTEL & Edusat URL:** [Link](#)

**VTU –Important Links:**

[www.clearing.vtu.ac.in](http://www.clearing.vtu.ac.in)

[www.clearing.vtu.ac.in](http://www.clearing.vtu.ac.in)



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**Digital Library**



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## Department of Civil Engineering

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### 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-visuais, 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	<a href="http://ieeexplore.ieee.org/">http://ieeexplore.ieee.org/</a>
2	Science Direct	<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
3	Springer (E-Journals & E-Books)	<a href="http://link.springer.com/">http://link.springer.com/</a>
4	NPTEL online videos	<a href="http://www.nptelvideos.com/">http://www.nptelvideos.com/</a>
5	ProQuest	<a href="http://search.proquest.com/">http://search.proquest.com/</a>

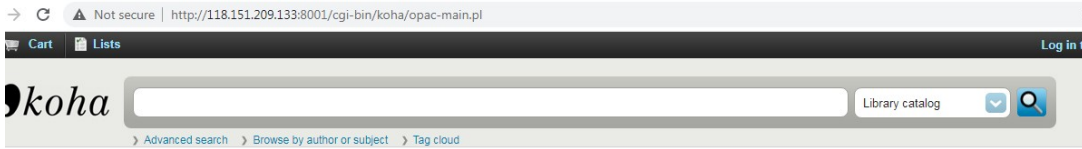
### National Digital Library Of India

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

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



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Home

Log in to your account:

Login:

Password:



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



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



Username

Password



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



## Department of Civil Engineering

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

<h1>366</h1> <p>e-Contents Available</p>	<h1>857</h1> <p>Course Experts Participated</p>	<h1>15120</h1> <p>Hours of Videos</p>
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e-Content Repository

[Click Here](#)

### VTU E-LEARNING CENTRE, MYSURU

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

#### The objectives are:

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

Live Sessions

Webinar    Notifications

[e-Shikshana YouTube Channel](#)

e-Contents for Odd Semester
<a href="#">Basic Sciences</a>
<a href="#">Civil Engineering</a>
<a href="#">Computer Science and Engineering</a>
<a href="#">Electronics and Communication Engineering</a>
<a href="#">Electricals and Electronics Engineering</a>
<a href="#">Mechanical Engineering</a>



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## **Study Materials**

## Department of Civil Engineering

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 Sunoeth 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



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**CERP**

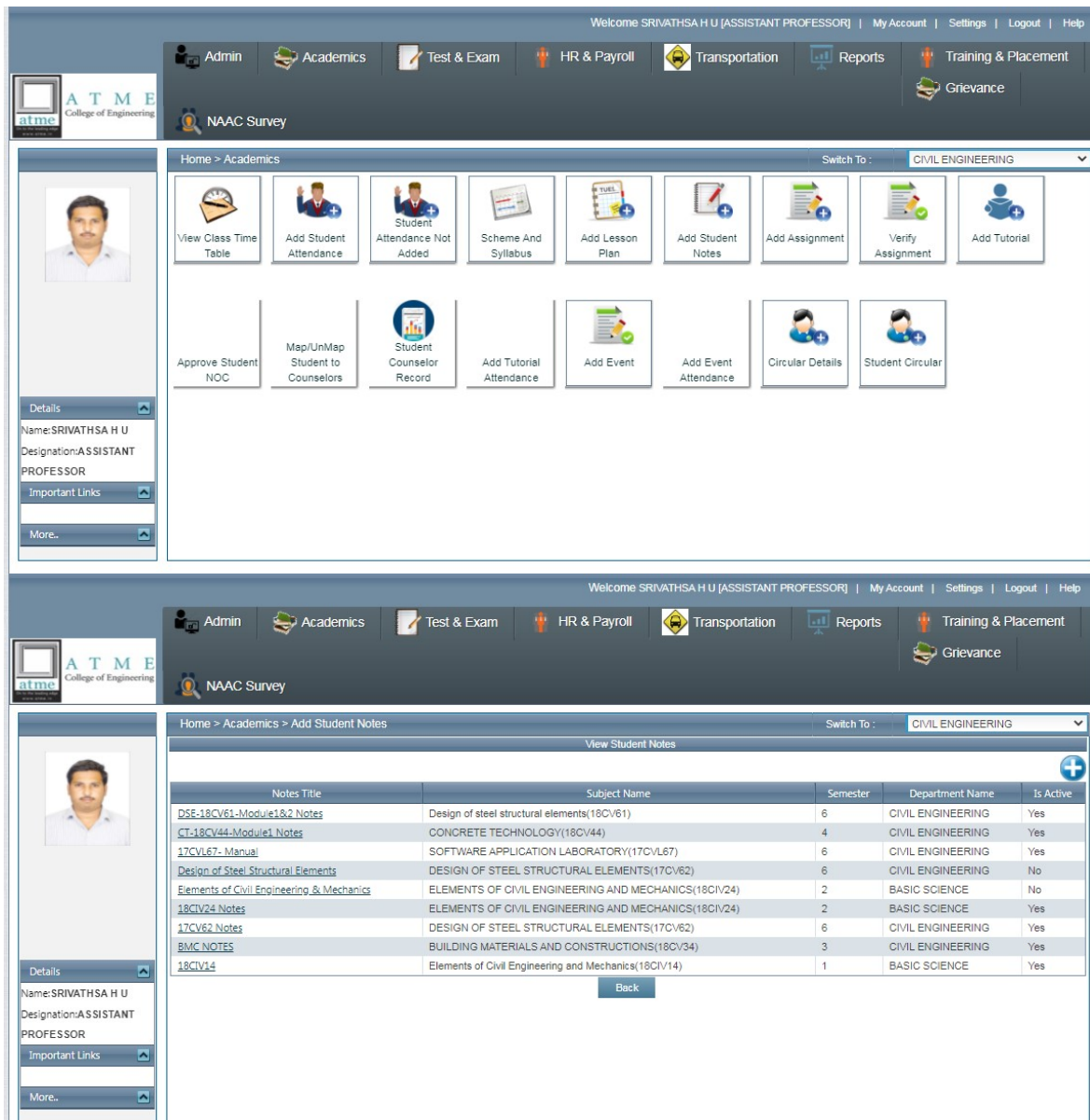


## Department of Civil Engineering

Study Materials are also shared through CERP

### College Enterprise Resource Planning (CERP)

1. Notes and PPT
2. CERP Link : <https://cerp.effia.co.in/Webforms/fmLogin.aspx>



The screenshot displays the CERP web application interface. The top navigation bar includes links for Admin, Academics, Test & Exam, HR & Payroll, Transportation, Reports, Training & Placement, and Grievance. The user is logged in as SRIVATHSA H U, an Assistant Professor.

The main interface is divided into two sections:

**Home > Academics** (Switch To: CIVIL ENGINEERING)

This section contains a grid of icons for various academic functions:

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

**Home > Academics > Add Student Notes** (Switch To: CIVIL ENGINEERING)

This section displays a table of student notes:

Notes Title	Subject Name	Semester	Department Name	Is Active
<a href="#">DSE-18CV61-Module1&amp;2 Notes</a>	Design of steel structural elements(18CV61)	6	CIVIL ENGINEERING	Yes
<a href="#">CT-18CV44-Module1 Notes</a>	CONCRETE TECHNOLOGY(18CV44)	4	CIVIL ENGINEERING	Yes
<a href="#">17CVL67- Manual</a>	SOFTWARE APPLICATION LABORATORY(17CVL67)	6	CIVIL ENGINEERING	Yes
<a href="#">Design of Steel Structural Elements</a>	DESIGN OF STEEL STRUCTURAL ELEMENTS(17CV62)	6	CIVIL ENGINEERING	No
<a href="#">Elements of Civil Engineering &amp; Mechanics</a>	ELEMENTS OF CIVIL ENGINEERING AND MECHANICS(18CV24)	2	BASIC SCIENCE	No
<a href="#">18CIV24 Notes</a>	ELEMENTS OF CIVIL ENGINEERING AND MECHANICS(18CIV24)	2	BASIC SCIENCE	Yes
<a href="#">17CV62 Notes</a>	DESIGN OF STEEL STRUCTURAL ELEMENTS(17CV62)	6	CIVIL ENGINEERING	Yes
<a href="#">BMC NOTES</a>	BUILDING MATERIALS AND CONSTRUCTIONS(18CV34)	3	CIVIL ENGINEERING	Yes
<a href="#">18CIV14</a>	Elements of Civil Engineering and Mechanics(18CIV14)	1	BASIC SCIENCE	Yes

A "Back" button is located below the table.



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**Flipped Classroom**

## Department of Civil Engineering

### 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.

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

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

NAAC Survey

Home > Reports > Email Details Report

Switch To: CIVIL ENGINEERING

Role	Subject	EmailData	Recipients
STUDENT	H.U - 18CV14 - Email-3	04-09-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-4	08-09-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-1	15-09-2019 00:00:00	25
STUDENT	H.U - 18CV14 - Email-5	15-09-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-2	15-09-2019 00:00:00	25
STUDENT	H.U - 18CV14 - Email-6	21-09-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-3	21-09-2019 00:00:00	19
STUDENT	H.U - 18CV14 - Email-7	08-10-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-	16-10-2019 00:00:00	19
STUDENT	H.U - 18CV14 - Email-8	16-10-2019 00:00:00	165
STUDENT	H.U - 18CV14 - Email-9	28-10-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-5	28-10-2019 00:00:00	19
STUDENT	H.U - 18CV14 - Email-10	06-11-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-6	06-11-2019 00:00:00	19
STUDENT	H.U - 18CV14 - Email-7	12-11-2019 00:00:00	19
STUDENT	H.U - 18CV14 - Email-11	20-11-2019 00:00:00	55
STUDENT	H.U - 18CV14 - Email-8	20-11-2019 00:00:00	19
STUDENT	H.U - 17CV62 - Email-1	10-02-2020 00:00:00	65
STUDENT	H.U - 17CV62 - Email-2	10-02-2020 00:00:00	65
STUDENT	H.U - 17CV62 - Email-3	12-02-2020 00:00:00	65
STUDENT	H.U - Aptitude - Email-1	12-02-2020 00:00:00	65
STUDENT	H.U - 17CV62 - Email-4	14-02-2020 00:00:00	65
STUDENT	H.U - 17CV62 - Email-5	19-02-2020 00:00:00	65
STUDENT	H.U - 18CV14 - Email-1	19-02-2020 00:00:00	51
STUDENT	H.U - 18CV14 - Email-2	19-02-2020 00:00:00	51
STUDENT	H.U - 18CV14 - Email-3	19-02-2020 00:00:00	51
STUDENT	H.U - Aptitude - Email-2	19-02-2020 00:00:00	65
STUDENT	H.U - 17CV62 - Email-7	24-02-2020 00:00:00	65

Email Details Report

Email Subject and Body Details

EmailSubject	Email Body
H.U - 18CV14 - Email-5	<p>Welcome you all,</p> <p style="text-align: center;">For the Course "Building Materials &amp; Construction (18CV14)"</p> <p><b>Lesson Plan for 6<sup>th</sup> week</b></p> <p><b>Module 3:</b></p> <ul style="list-style-type: none"> <li>Stability of Arches</li> <li>Roof and Roof coverings</li> </ul> <p><b>Text Books:</b></p> <ol style="list-style-type: none"> <li>Sushil Kumar "Building Materials and construction", 20th edition, reprint 2015, Standard Publishers</li> <li>Dr. B.C.Punmia, Ashok kumar Jain, Arun Kumar Jain, "Building Construction, Laxmi Publications (P) ltd, New Delhi.</li> </ol> <p><b>Reference Books:</b></p> <ol style="list-style-type: none"> <li>S.K.Duggal, "Building Materials", (Fourth Edition)New Age International (P) Limited, 2016</li> <li>National Building Code (NBC) of India</li> </ol> <p><b>URL:</b></p> <ol style="list-style-type: none"> <li><a href="https://nptel.ac.in/courses/105102088/">https://nptel.ac.in/courses/105102088/</a></li> </ol>

Email Recipients Details



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

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

NAAC Survey

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

Email Details Report

Email Subject and Body Details

Email Receipts Details

ToMail	Sent Date	Sent
akshubir2@gmail.com	28/10/2019	Yes
amruthakk2000@yahoo.com	28/10/2019	Yes
anushads2001@gmail.com	28/10/2019	Yes
bheemanagouda4321@gmail.com	28/10/2019	Yes
dakshugowda00@gmail.com	28/10/2019	Yes
darshandarshan8160@gmail.com	28/10/2019	Yes
deepthideeps259@gmail.com	28/10/2019	Yes
jamunad456@gmail.com	28/10/2019	Yes
loohan20rameesh@gmail.com	28/10/2019	Yes
manithmanith51@gmail.com	28/10/2019	Yes
monishamahadeva2000@gmail.com	28/10/2019	Yes
nikhilbeta99@gmail.com	28/10/2019	Yes
NITHINDVISHWAKARMA@GMAIL.COM	28/10/2019	Yes
pavanpavankumar416@gmail.com	28/10/2019	Yes
praveen550praveen@gmail.com	28/10/2019	Yes
sagarik108oe16047@gmail.com	28/10/2019	Yes
shivashvaraj0268@gmail.com	28/10/2019	Yes
suryadarshankp123@gmail.com	28/10/2019	Yes
thoobasabulal@gmail.com	28/10/2019	Yes

Back

**Details**

Name: SRIVATHSA H U

Designation: ASSISTANT PROFESSOR

**Important Links**

More...

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## Department of Computer Science and Engineering

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**Number of teachers using ICT**

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**Department of Computer Science and Engineering**

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**AY: 2020-2021**

## Department of Computer Science and Engineering

### Number of Teachers Using ICT

**Academic Year 2020- 2021**

Sl No.	Name	Designation	ICT Resource Utilised		Remarks
			Yes	No	
1	Dr. Puttegowda D	Professor	✓		
2.	Dr. J V Gorabal	Professor	✓		
3	Anil Kumar C J	Associate Professor	✓		
4	Nasreen Fathima	Assistant Professor	✓		
5	M S Sunitha Patel	Assistant Professor	✓		
6	Anil Kumar B H	Assistant Professor	✓		
7	Mohanesh B M	Assistant Professor	✓		Utilised in Odd sem (Relieved from work on May 2021)
8	Sowmya S	Assistant Professor	✓		
9	Sushma V	Assistant Professor	✓		
10	Sneha N P	Assistant Professor	✓		
11	Impana Appaji	Assistant Professor	✓		Utilised in Odd sem (Relieved from work on May 2021)
12	Kiran B	Assistant Professor	✓		
13	Keerthana M M	Assistant Professor	✓		
14	Raghuram A S	Assistant Professor	✓		
15	Kavyashree E D	Assistant Professor	✓		
16	Shrilakshmi Prasad	Assistant Professor		✓	Maternity Leave
17	Jyothi M Patil	Assistant Professor	✓		

## Department of Computer Science and Engineering

18	Vibha U	Assistant Professor	✓		Utilised in Odd sem (Relieved from work on January 2021)
19	Akshatha A	Assistant Professor	✓		
20	Lavanya N	Assistant Professor	✓		
21	Rashmi K	Assistant Professor	✓		Utilised in Odd sem (Relieved from work on May 2021)
22	Asha M S	Assistant Professor	✓		
23	Lavanya M S	Assistant Professor	✓		
24	Kavya P O	Assistant Professor	✓		
25	Thangameena M P	Assistant Professor		✓	

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**Department of Computer Science and Engineering**

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**AY: 2019-2020**

## Department of Computer Science and Engineering

### Number of Teachers Using ICT

**Academic Year 2019- 2020**

Sl No.	Name	Designation	ICT Resource Utilised		Remarks
			Yes	No	
1	Dr. Puttegowda D	Professor	✓		
2	Dr. Manjunath S S	Professor	✓		Relieved from work on December 2019
3	Anil Kumar C J	Associate Professor	✓		
4	Nasreen Fathima	Assistant Professor	✓		
5	Archana M R	Assistant Professor	✓		Relieved from work on July 2020
6	M S Sunitha Patel	Assistant Professor	✓		
7	Anil Kumar B H	Assistant Professor	✓		
8	Mohanesh B M	Assistant Professor	✓		
9	Sowmya S	Assistant Professor	✓		
10	Sushma V	Assistant Professor	✓		
11	Sneha N P	Assistant Professor	✓		
12	Impana Appaji	Assistant Professor	✓		
13	Kiran B	Assistant Professor	✓		
14	Senha C R	Assistant Professor	✓		Relieved from work on January 2020
15	Shrinivasa G	Assistant Professor	✓		Relieved from work on July 2020

## Department of Computer Science and Engineering

16	Keerthana M M	Assistant Professor	✓		
17	Raghuram A S	Assistant Professor	✓		
18	Kavyashree E D	Assistant Professor	✓		
19	Arpitha D	Assistant Professor	✓		Relieved from work on January 2020
20	Shrilakshmi Prasad	Assistant Professor		✓	Maternity Leave
21	Prakruthi S	Assistant Professor	✓		Relieved from work on January 2020
22	Jyothi M Patil	Assistant Professor	✓		
23	Thangameena M P	Assistant Professor	✓		
24	Vibha U	Assistant Professor	✓		

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## Department of Computer Science and Engineering

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**AY: 2018-2019**

## Department of Computer Science and Engineering

### Number of Teachers Using ICT

**Academic Year 2018- 2019**

SI No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Manjunath S S	Professor & Head	✓		
2	Dr. Putte Gowda D	Professor	✓		
3	Anil Kumar C J	Associate Professor	✓		
4	Nasreen Fathima	Assistant Professor	✓		
5	Archana M R	Assistant Professor	✓		
6	M S Sunitha Patel	Assistant Professor	✓		
7	Anil Kumar B H	Assistant Professor	✓		
8	Mohanesh B M	Assistant Professor	✓		
9	Sowmya S	Assistant Professor	✓		
10	Sushma V	Assistant Professor		✓	Maternity Leave
11	Sneha N P	Assistant Professor	✓		
12	Impana Appaji	Assistant Professor	✓		
13	Kiran B	Assistant Professor	✓		
14	Sneha C R	Assistant Professor	✓		
15	Sowmya Shree P	Assistant Professor	✓		Relieved from work on July 2019
16	Shrinivasa G	Assistant Professor	✓		
17	Vidyashree H D	Assistant Professor	✓		

## Department of Computer Science and Engineering

18	Keerthana M M	Assistant Professor	✓		
19	Shruthi P	Assistant Professor	✓		Relieved from work on July 2019
20	Raghuram A S	Assistant Professor	✓		
21	Kavyashree E D	Assistant Professor	✓		
22	Arpitha D	Assistant Professor	✓		
23	Shrilakshmi Prasad	Assistant Professor	✓		
24	Prakruthi S	Assistant Professor	✓		

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**Department of Computer Science and Engineering**

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**AY: 2017-2018**

## Department of Computer Science and Engineering

### Number of Teachers Using ICT

**Academic Year 2017- 2018**

SI No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	Dr. Putte Gowda D	Professor & Head	✓		
2	Anil Kumar C J	Associate Professor	✓		
3	Nasreen Fathima	Assistant Professor	✓		
4	Archana M R	Assistant Professor	✓		
5	M S Sunitha Patel	Assistant Professor	✓		
6	Anil Kumar B H	Assistant Professor	✓		
7	Mohanesh B M	Assistant Professor	✓		
8	Sowmya S	Assistant Professor	✓		
9	Sushma V	Assistant Professor		✓	Maternity Leave
10	Sneha N P	Assistant Professor	✓		
11	Impana Appaji	Assistant Professor	✓		
12	Kiran B	Assistant Professor	✓		
13	Sneha C R	Assistant Professor	✓		
14	Sowmya Shree P	Assistant Professor	✓		
15	Shrinivasa G	Assistant Professor	✓		
16	Vidyashree H D	Assistant Professor	✓		Relieved from work on August 2017
17	Keerthana M M	Assistant Professor			



## Department of Computer Science and Engineering

18	Shruthi P	Assistant Professor	✓		
19	Raghuram A S	Assistant Professor	✓		
20	Kavyashree E D	Assistant Professor	✓		
21	Arpitha D	Assistant Professor	✓		
22	Shrilakshmi Prasad	Assistant Professor	✓		
23	Manasa S M	Assistant Professor	✓		Relieved from work on December 2017
24	Radhamani N	Assistant Professor	✓		Relieved from work on May 2018
25	Prakruthi S	Assistant Professor	✓		

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## Department of Computer Science and Engineering

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**AY: 2016-2017**

## Department of Computer Science and Engineering

### Number of Teachers Using ICT

**Academic Year 2016- 2017**

SI No.	Name	Designation	ICT Resources Utilised		Remarks
			Yes	No	
1	M S Veerendra Kumar	Professor & Head	✓		Relieved from work on July 2017
2	Dr. Putte Gowda D	Professor	✓		
3	Anil Kumar C J	Associate Professor	✓		
4	Archana M R	Assistant Professor	✓		
5	Sowmya S	Assistant Professor	✓		
6	Anil Kumar B H	Assistant Professor	✓		
7	Kiran B	Assistant Professor	✓		
8	M S Sunitha Patel	Assistant Professor	✓		
9	Sneha N P	Assistant Professor	✓		
10	Anand Kumar H N	Assistant Professor	✓		
11	Sushma V	Assistant Professor	✓		
12	Ajay Kumar B R	Assistant Professor	✓		
13	Nasreen Fathima	Assistant Professor	✓		
14	Impana Appaji	Assistant Professor	✓		
15	Sneha C R	Assistant Professor	✓		
16	Keerthana M M	Assistant Professor	✓		
17	Sharath H A	Assistant Professor	✓		
18	Sowmya Shree P	Assistant Professor	✓		
19	Shruthi P	Assistant Professor	✓		
20	Jashwanth N B	Assistant Professor	✓		

## Department of Computer Science and Engineering

21	Sachin Acharya T	Assistant Professor	✓		Relieved from work on June 2017
22	Shrinivasa G	Assistant Professor	✓		Relieved from work on June 2017
23	Anupama Shetter	Assistant Professor	✓		
24	Harishma G	Assistant Professor	✓		

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## Department of Computer Science and Engineering

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# Number of ICT Enabled Classroom

## Department of Computer Science and Engineering

Sl No	Name	Room No.	Facility
1	ICT Enabled Classroom	Admin Block: 001,002,003,006,007,008	LCD Projectors with Projection Screen, WIFI Facility
2	ICT Enabled Laboratories	Database management Lab, Computer Networks Lab, Machine Learning Lab, Data Structure Lab, Web Technology Lab, CISCO Centre of Excellence, Analog and Digital Electronics / Microcontroller & Embedded System Lab, Research Lab, Language Lab, Central Computing Facility	LCD Projectors with Projection Screen, LAN Connection, WIFI Facility
3	Smart Classroom	007,008	Interactive Touchscreen AV System, LCD Projectors with Projection screen, LAN Connection, WIFI Facility
4	Smart Seminar Hall	401	Interactive Touchscreen AV System, LCD Projectors with Projection screen, LAN Connection, WIFI Facility

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## Department of Computer Science and Engineering

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# Facility Proof

## Department of Computer Science and Engineering

### Admin Block Class Room: 001





## Department of Computer Science and Engineering

### Class Room: 002



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## Department of Computer Science and Engineering

Class Room: 003



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### Class Room : 006



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**Room No:007**



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## Department of Computer Science and Engineering

### Room No:008



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## Department of Computer Science and Engineering

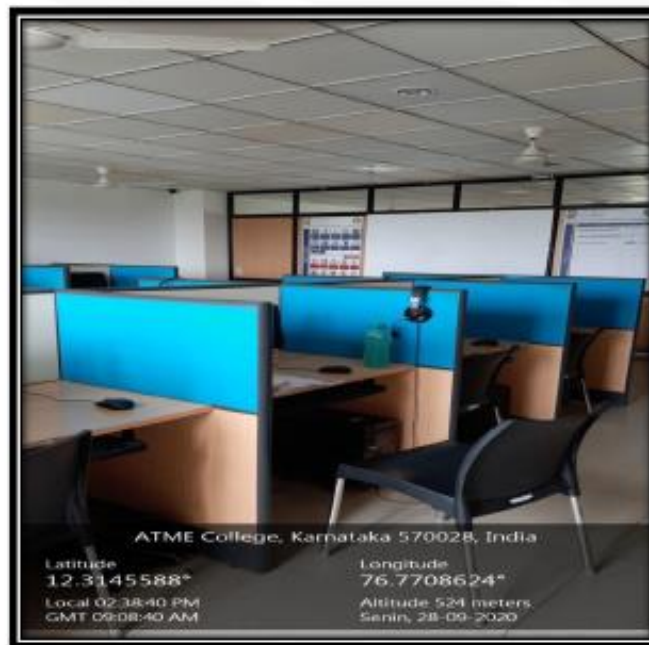
### 102-Central Computing Facility



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## Department of Computer Science and Engineering

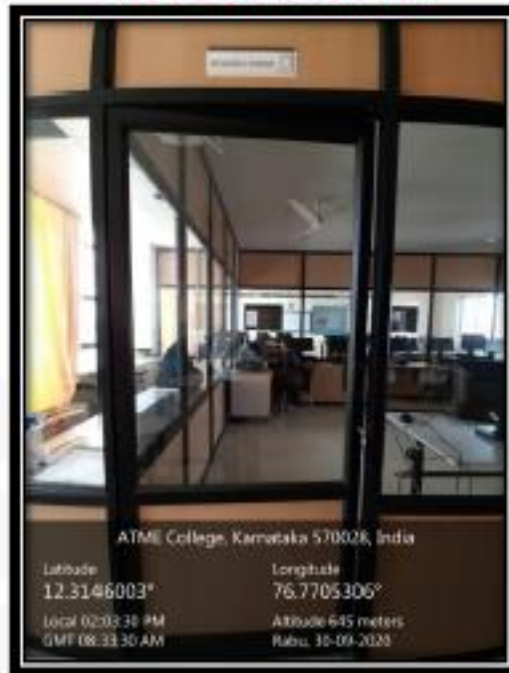
### 115-Language Lab



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## Department of Computer Science and Engineering

### 405B-Research Lab





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### 405A-Analog and Digital Electronics / Microcontroller & Embedded System Lab



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### 402A-CISCO Center of Excellence



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### 402B-Web Technology Lab



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## Department of Computer Science and Engineering

### 406-Data Structure Lab



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## Department of Computer Science and Engineering

### 407-Machine Learning Lab



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## Department of Computer Science and Engineering

### 408A- Computer Networks / Computer Graphics Lab



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## Department of Computer Science and Engineering

### 408B- Database Management Lab



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## Department of Computer Science and Engineering

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# ICT Resources



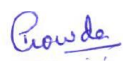
## Department of Computer Science and Engineering

### ICT Resources Utilized for Teaching and Learning Process







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

<b>ICT Resources</b>	
<b>Delivery</b>	<b>Assessment</b>
<ol style="list-style-type: none"> <li>1. MS Teams</li> <li>2. PPT</li> <li>3. Google Classroom</li> <li>4. YouTube</li> <li>5. Zoom</li> <li>6. Virtual Labs</li> <li>7. impartus</li> <li>8. padlet</li> <li>9. cisco WebEx Meetings</li> </ol>	<ol style="list-style-type: none"> <li>1. Student Response System</li> <li>2. MS Team Form Quiz</li> <li>3. Google Forms Quiz</li> <li>4. Kahoot</li> <li>5. Poll Everywhere</li> <li>6. Google Sites</li> </ol>

<b>Additional Learning ICT Resources</b>
<ol style="list-style-type: none"> <li>1. EDUSAT</li> <li>2. Digital Library</li> <li>3. Study Materials</li> <li>4. CERP</li> <li>5. Flipped Classroom</li> </ol>

  
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**Department of Computer Science and Engineering**

<b>Delivery</b>	
Microsoft Teams(Licensed)	
PPT	
Zoom	
impartus	
padlet	
cisco WebEx Meetings	

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## Department of Computer Science and Engineering

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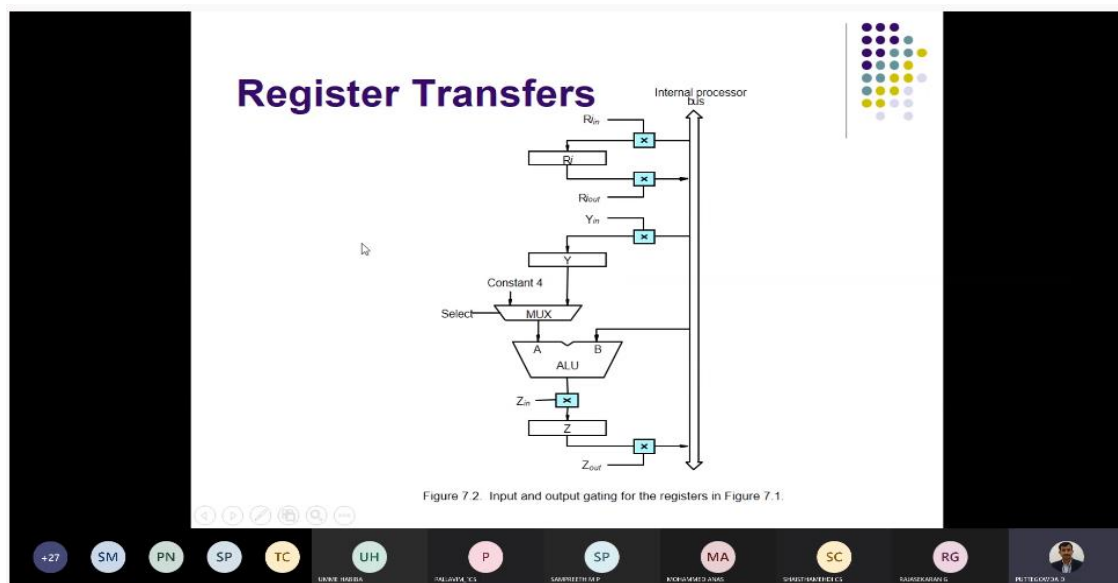
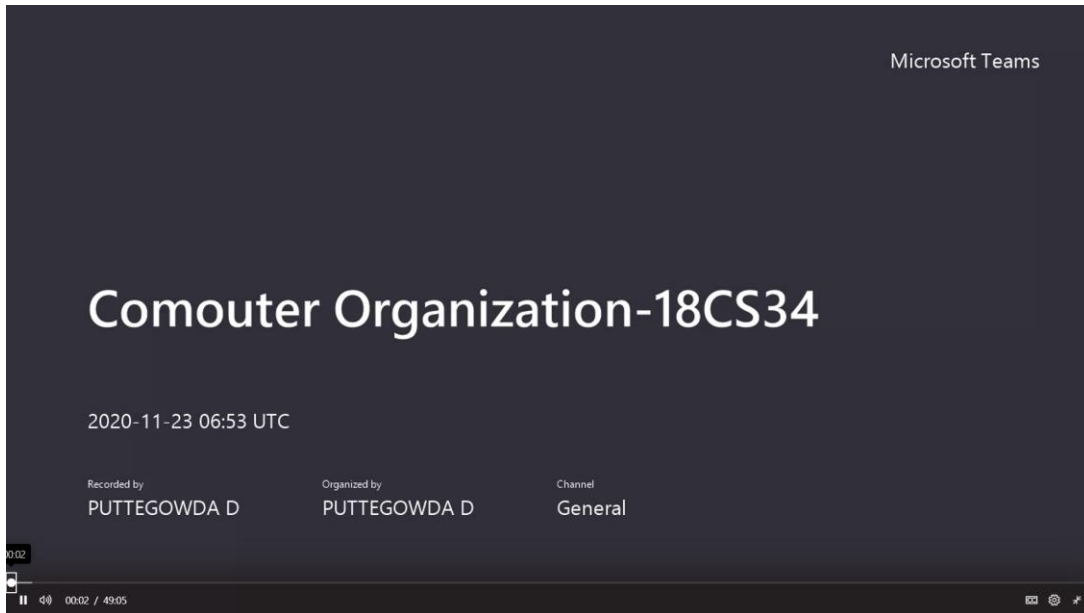
# Microsoft Teams

## Department of Computer Science and Engineering

The institution has licensed MS teams for the benefit of students in Teaching & Learning process.

### 1. MS Teams Delivery Sample Screenshots

**Dr. Puttegowda D**  
**Professor & Head**



Department of Computer Science and Engineering

Mrs. M S Sunitha Patel  
Assistant Professor

Microsoft Teams

# CSE-7th Sem-B Sec-17CS73-ML-Module 4/Bayesian Learning/ Introduction, Ba...

2020-11-18 04:36 UTC

Recorded by: SUNITHA PATEL M S  
Organized by: SUNITHA PATEL M S  
Channel: 7th B Sec- Machine Learning-17CS73

## BAYES THEOREM

Bayes theorem provides a way to calculate the probability of a hypothesis based on its prior probability, the probabilities of observing various data given the hypothesis, and the observed data itself.

**Notations**

- $P(h)$  *prior probability of h*, reflects any background knowledge about the chance that h is correct
- $P(D)$  *prior probability of D*, probability that D will be observed
- $P(D|h)$  probability of observing D given a world in which h holds
- $P(h|D)$  *posterior probability of h*, reflects confidence that h holds after D has been observed

35:38

Details

CSE-7th Sem-B Sec-17CS73-ML-Module 4/Bayesian Learning/ Introduction, Bayes theorem

Published on 18-11-2020 by SUNITHA PATEL M S Company 5 0 0

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## Department of Computer Science and Engineering

**Mrs. Nasreen Fathima**  
Assistant Professor

Microsoft Teams

# Meeting in "CS-3 SEM- A SEC- COMPUTER ORGANIZATION-18CS34-...

2020-09-14 05:48 UTC

Recorded by  
NASREEN FATHIMA

Organized by  
NASREEN FATHIMA

Channel  
CS-3 SEM- A SEC-  
COMPUTER  
ORGANIZATION-18CS34

00:02

00:02 / 102:15

-NF

## Register Transfer Notation

- Identify a location by a symbolic name standing for its hardware binary address (LOC, VAR2, A, ... R0, R5, ... DATAIN, OUTSTATUS)
- Contents of a location are denoted by placing square brackets around the name of the location
  - Eg: 1.  $R1 \leftarrow [LOC]$
  - Eg: 2.  $R3 \leftarrow [R1] + [R2]$

**Register Transfer Notation (RTN)**

### Details

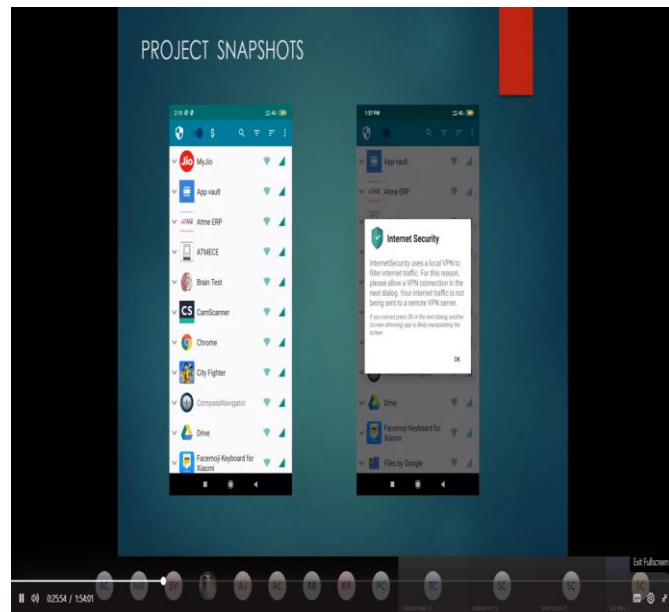
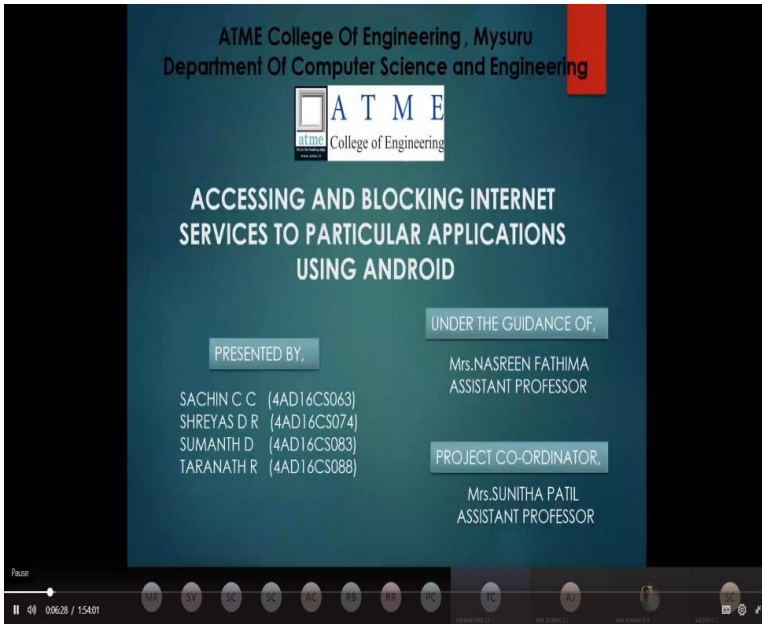
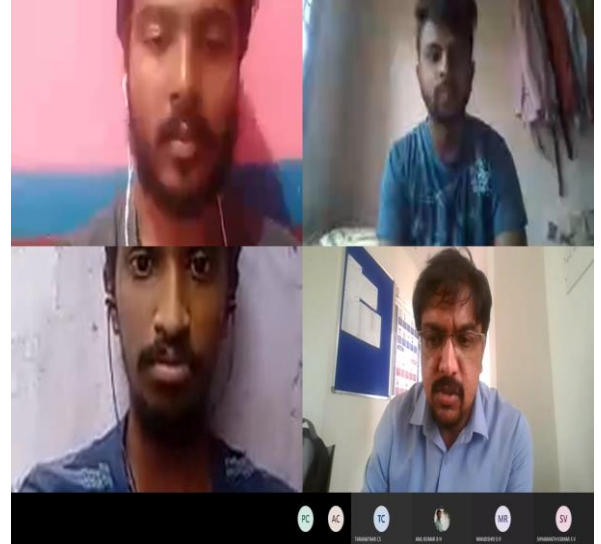
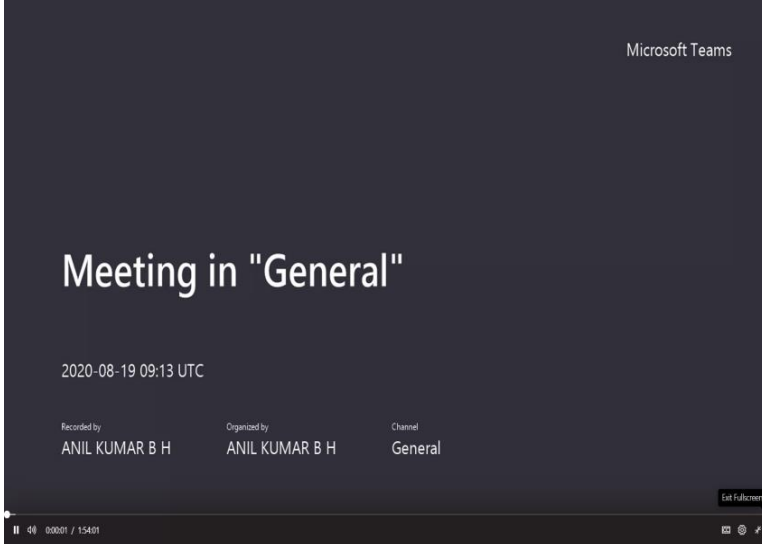
CS-2020-2021-3 Sem-A Sec-CO-18CS34-Module 1-Instructions and Instruction Sequencing

Published on 14-09-2020 by **NASREEN FATHIMA** Company 2 0 0

*Nasreen Fathima*  
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## Department of Computer Science and Engineering

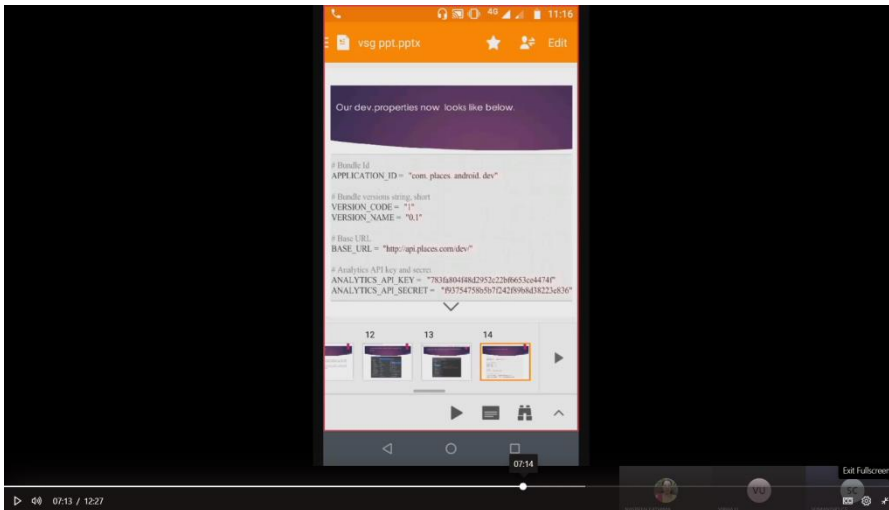
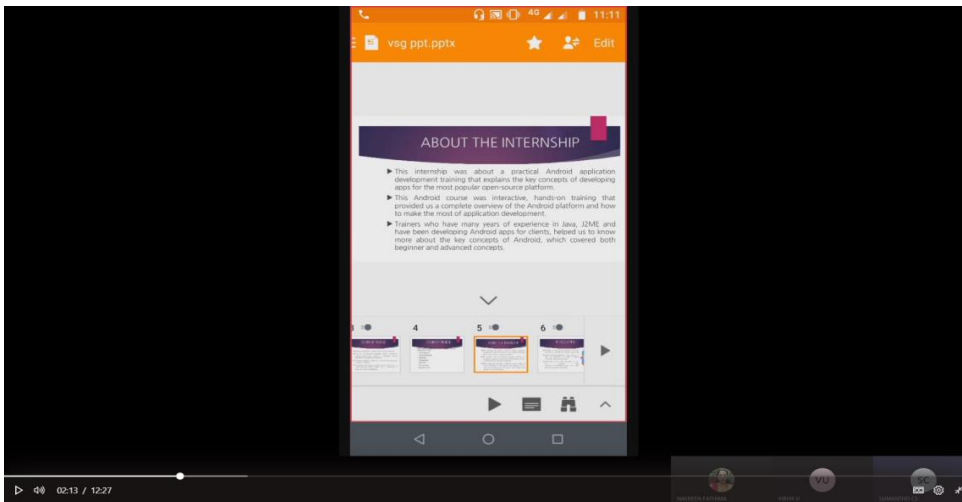
### MS Teams Screenshot Project Evaluation:



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## Department of Computer Science and Engineering

### Internship Evaluation:

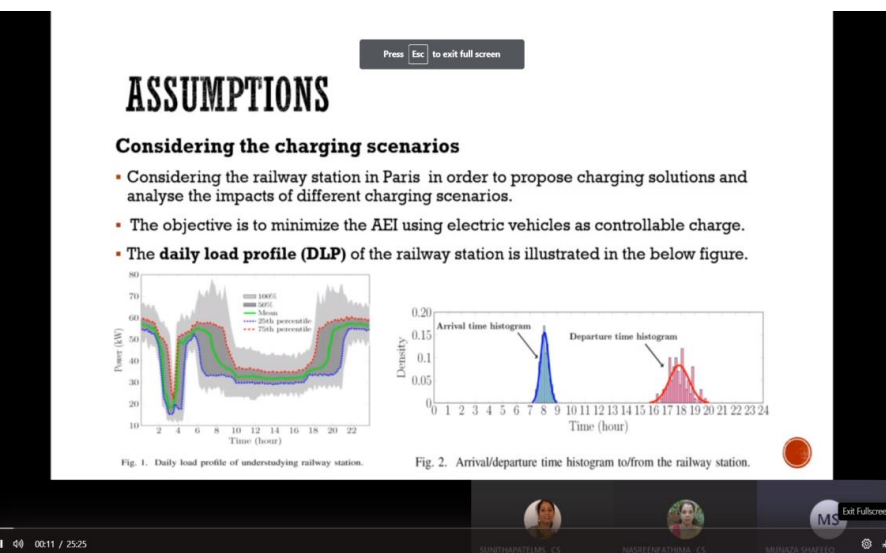
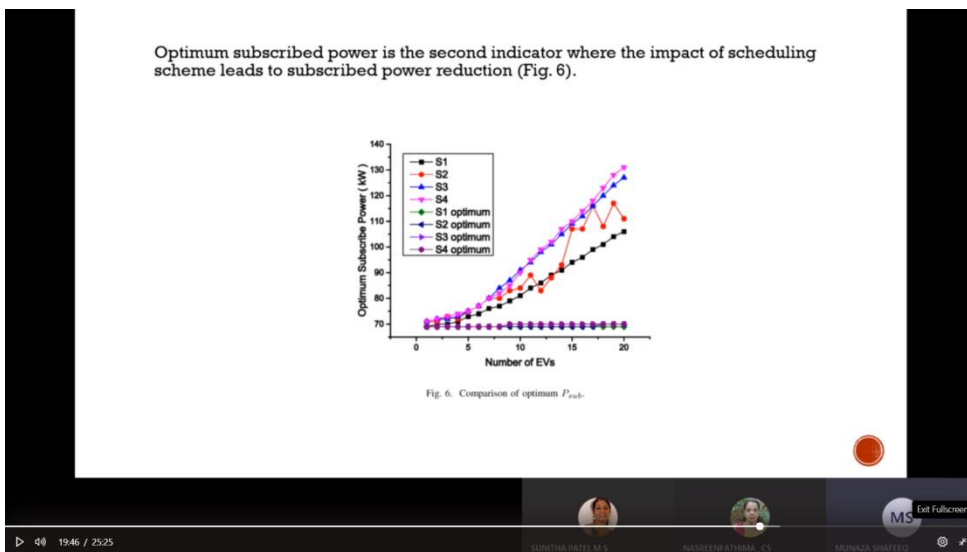
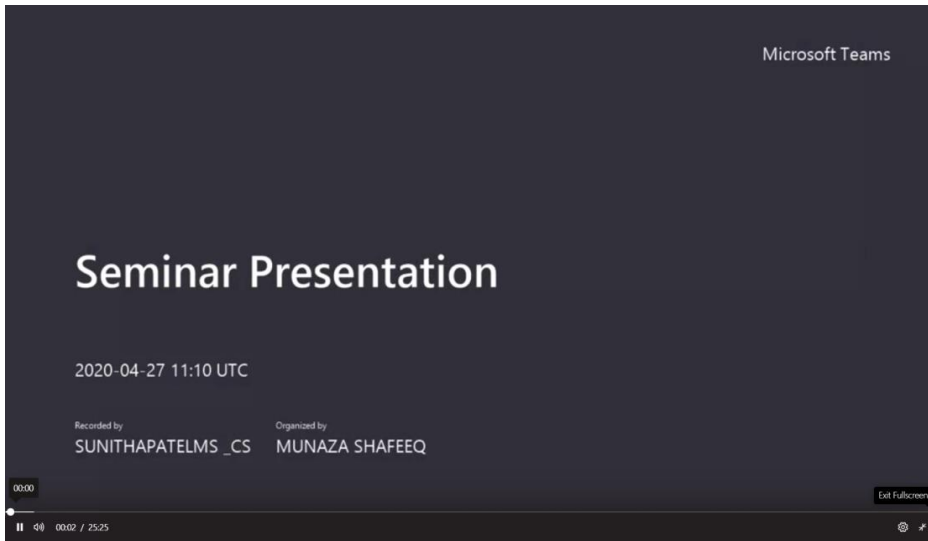


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# Department of Computer Science and Engineering

## Seminar Evaluation:



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ATME College of Engineering  
44544-57003

## Department of Computer Science and Engineering

### Microsoft Teams Teaching and Learning Process

**Note: Official ID Required to access**

**2019-2020[Even Semester]**

#### VIII Semester:

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

#### VI Semester:

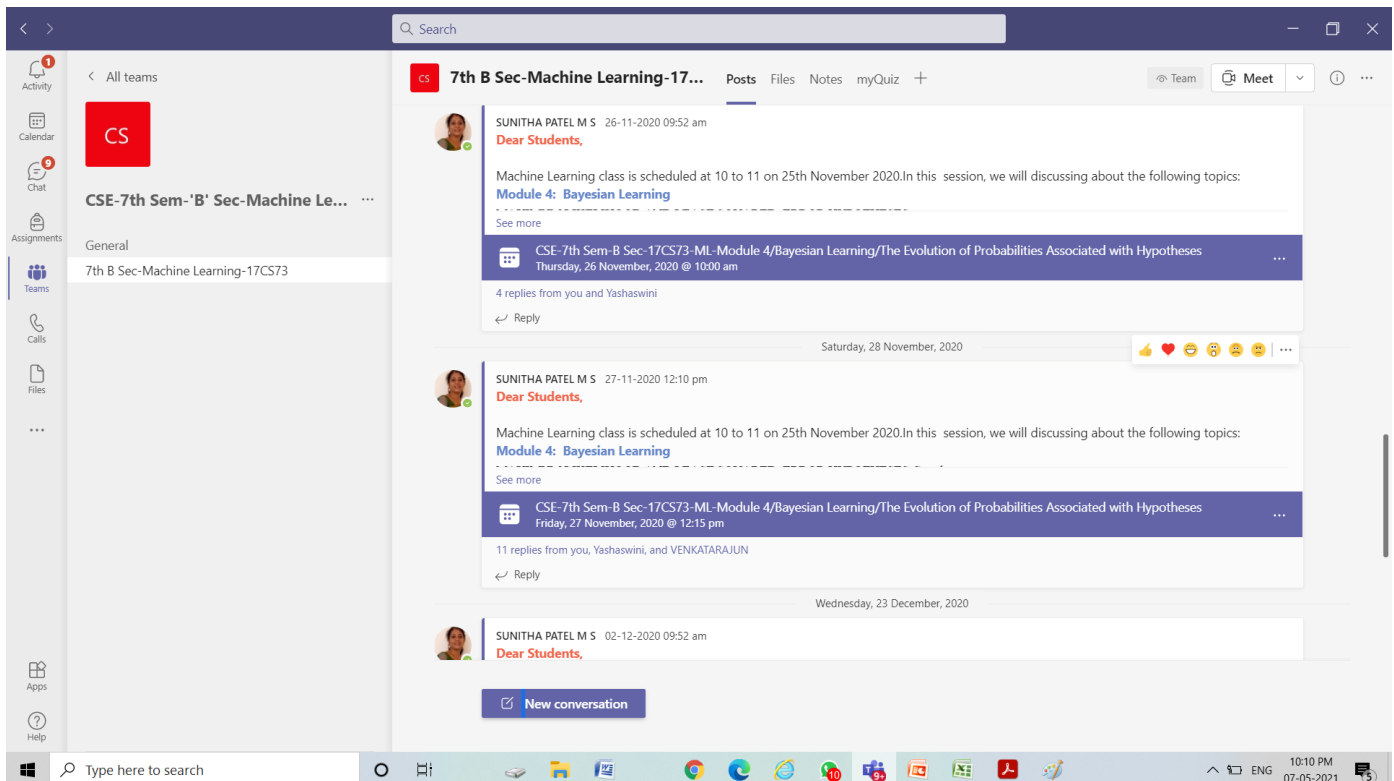
Course	Code	Faculty	Link of AV files
SS & CD	17CS63	Mrs. Jyothi M Patil	<a href="https://web.microsoftstream.com/channel/313dc11d-c167-45c4-8e09-adb26c2cb546">https://web.microsoftstream.com/channel/313dc11d-c167-45c4-8e09-adb26c2cb546</a>
DM	17CS651	Mrs.M S Sunitha Patel	<a href="https://web.microsoftstream.com/channel/ea27251e-1353-48cb-b874-c7aa8fb7c77a">http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

## Department of Computer Science and Engineering

### IV Semester:

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

### MS Teams Channel Screenshot



The screenshot shows a Microsoft Teams channel named "7th B Sec-Machine Learning-17...". The channel is part of a team named "CS". The messages are as follows:

- Message 1:** Sent by SUNITHA PATEL M S on 26-11-2020 09:52 am. Content: "Dear Students, Machine Learning class is scheduled at 10 to 11 on 25th November 2020. In this session, we will discuss about the following topics: **Module 4: Bayesian Learning**". Includes a link to a document titled "CSE-7th Sem-B Sec-17CS73-ML-Module 4/Bayesian Learning/The Evolution of Probabilities Associated with Hypotheses" dated Thursday, 26 November, 2020 @ 10:00 am. 4 replies from you and Yashaswini.
- Message 2:** Sent by SUNITHA PATEL M S on 27-11-2020 12:10 pm. Content: "Dear Students, Machine Learning class is scheduled at 10 to 11 on 25th November 2020. In this session, we will discuss about the following topics: **Module 4: Bayesian Learning**". Includes the same document link as above, dated Friday, 27 November, 2020 @ 12:15 pm. 11 replies from you, Yashaswini, and VENKATARAJUN.
- Message 3:** Sent by SUNITHA PATEL M S on 02-12-2020 09:52 am. Content: "Dear Students,". A "New conversation" button is visible below this message.

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## Department of Computer Science and Engineering

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### Power Point Presentation


## Department of Computer Science and Engineering

### Course: Operating System




Course Code: 18CS43

Course Coordinator: Mrs .M S Sunitha Patel

Module: 1



**A T M E**  
College of Engineering




**OPERATING  
SYSTEM-18CS43**




**Module 1-Chapter 1-Introduction to Operating  
System**

**Mrs. M S Sunitha Patel**  
Assistant Professor  
Dept. of Computer Science & Engineering  
ATMECE, Mysuru

1



**A T M E**  
College of Engineering



**What is an Operating System?**

- A program that acts as an intermediary between a user of a computer and the computer hardware.
- Operating system goals:
  - Execute user programs and make solving user problems easier.
  - Make the computer system convenient to use.
- Use the computer hardware in an efficient manner.

Department of Computer Science & Engineering, ATMECE, Mysuru

## Department of Computer Science and Engineering

### Course: Big Data Analytics

Course Code: 15CS82

Course Coordinator: Mr .Raghuram A S

Module: 2

## BIG DATA ANALYTICS-17CS82

# Module- 2

**Mr. Raghuram A S**  
Assistant Professor  
Dept. of Computer Science & Engineering  
ATMECE, Mysuru

1

## Introduction

### What is Hadoop?

Hadoop is an open source software programming framework for storing a large amount of data and performing the computation. Its framework is based on Java programming with some native code in C and shell scripts.

Hadoop is the solution to Big Data problems. It is the technology to store massive datasets on a cluster of cheap machines in a distributed manner. Not only this it provides Big Data analytics through distributed computing framework.

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## Department of Computer Science and Engineering

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**Cisco WebEx Meeting**

## Department of Computer Science and Engineering

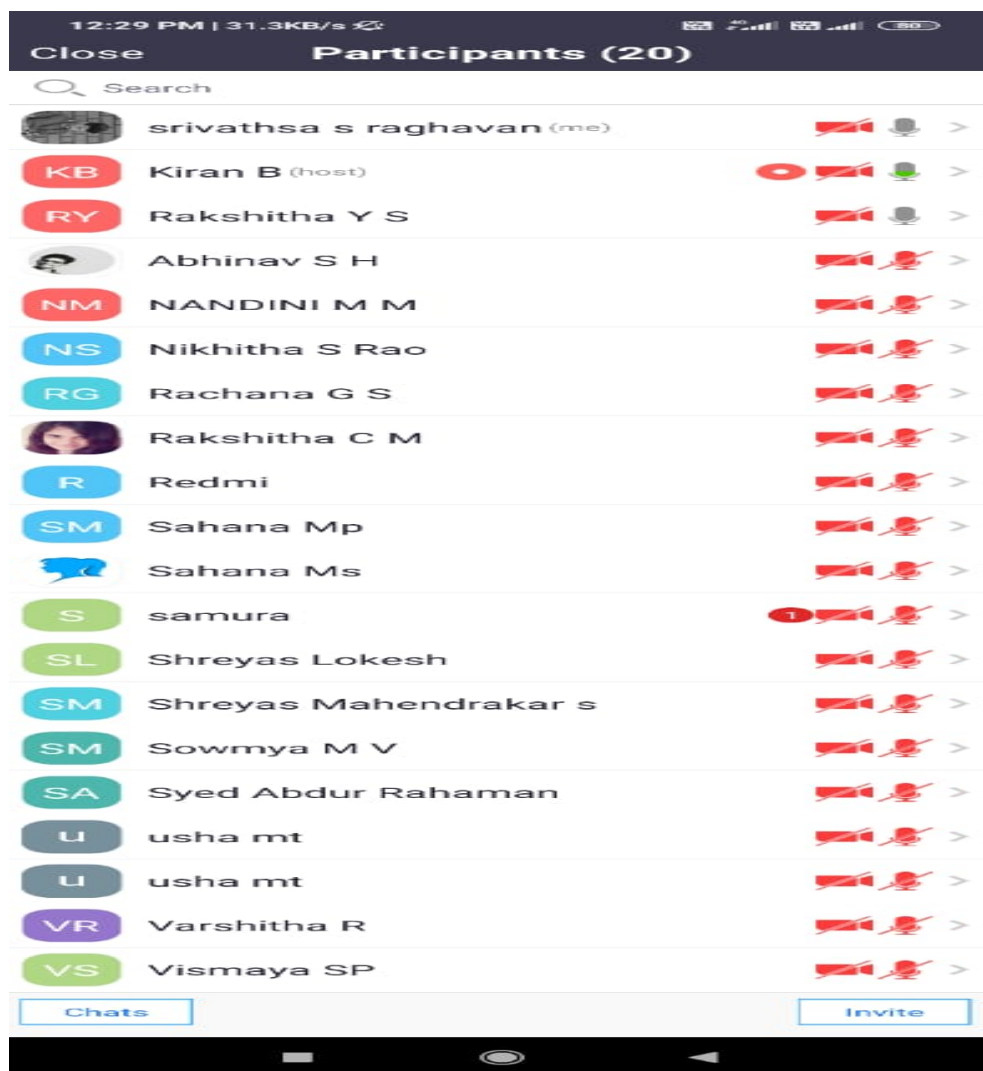
### WebEx

**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.

Sample Screenshot is as below:





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## Department of Computer Science and Engineering

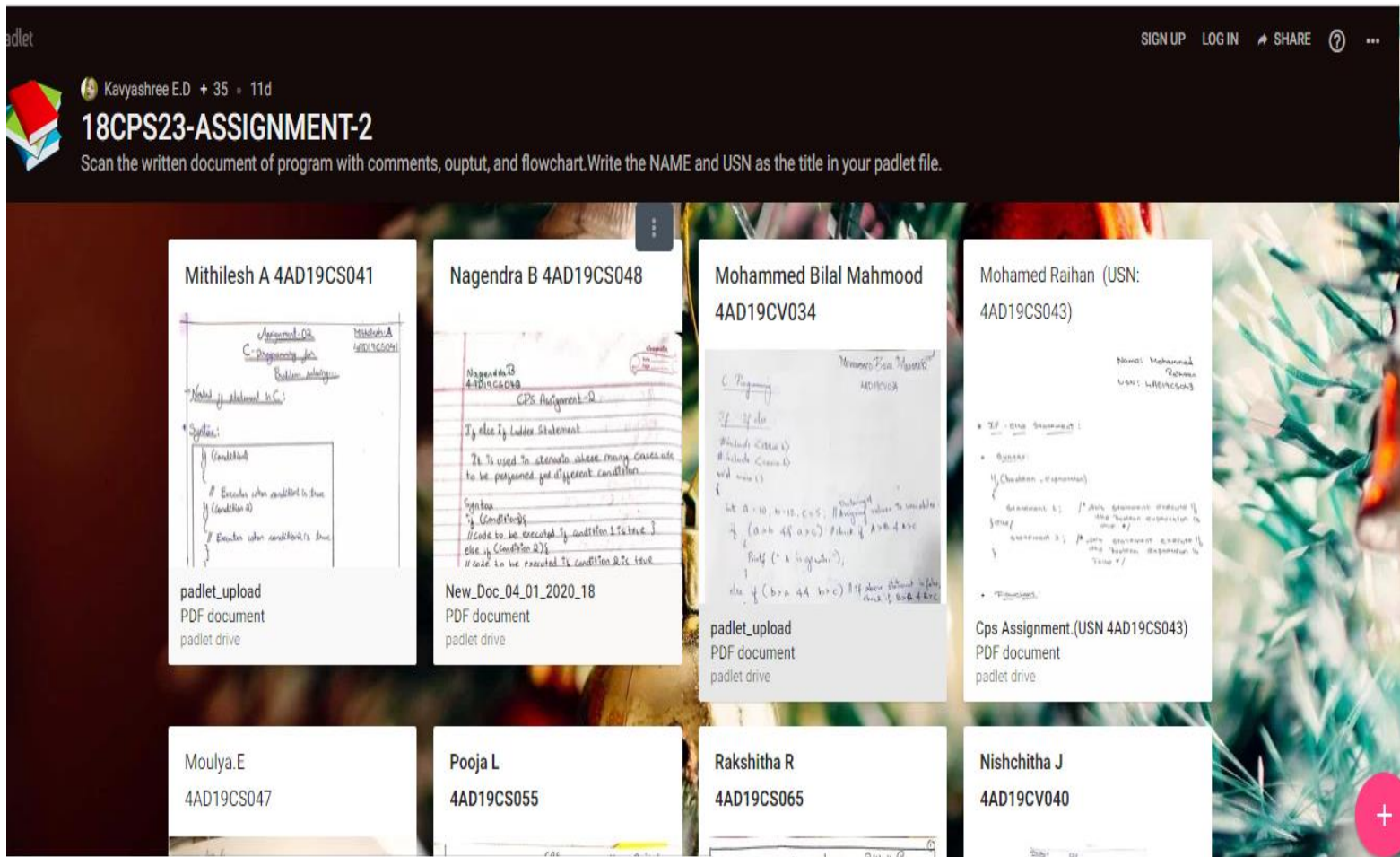
---

**Padlet**

## Department of Computer Science and Engineering

### 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.



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## Department of Computer Science and Engineering

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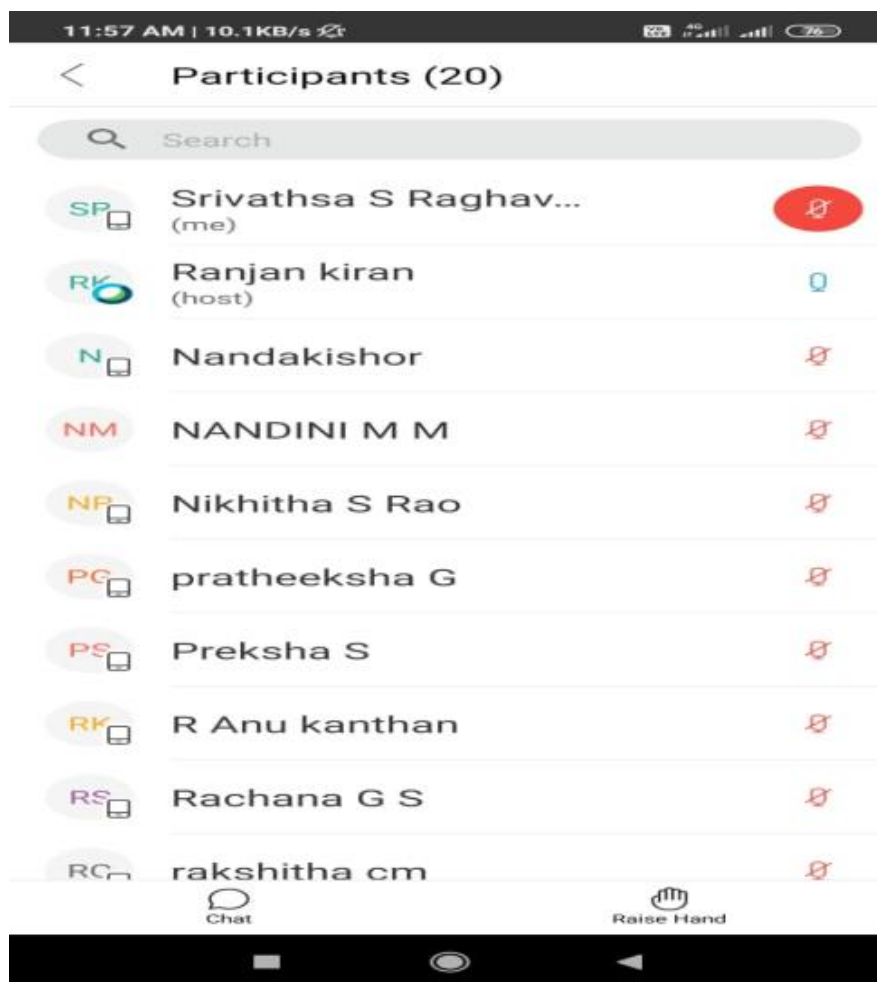
**Impartus**

## Department of Computer Science and Engineering



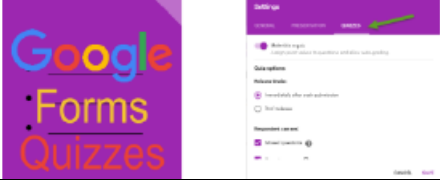



### Impartus

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



**Department of Computer Science and Engineering**

<b>Assessment</b>	
Student Response System	 <b>TurningPoint</b>
MS Team Form Quiz	
Google Form Quiz	
Kahoot	
Poll Everywhere	
Google Sites	

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## Department of Computer Science and Engineering

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# Student Response System

## Department of Computer Science and Engineering

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:



### Department of Computer Science and Engineering



<b>Subject with Code:</b>	<b>Dot Net and its Applications(17CS564)</b>	
<b>Session Name</b>		
26-09-2019 16-30_MSSP_C#		
<b>Date Created</b>	<b>Active Participants</b>	<b>Total Participants</b>
9/26/2019 4:03:00 PM	45	45
<b>Average Score</b>	<b>Questions</b>	
74.52%	15	

### Results Detail

Device ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Total Points	Score
<b>Answer Key</b>	B	A	A	B	A	A	D	C	C	D	B	B	A	C	C	15.00	100.00%
E2BB3B	B	A	A	C	A	A	A	C	C	D	B	B	A	D	C	12.00	80.00%
E2C031	B	A	A	D	A	A	D	C	C	B	B	B	A	C	C	13.00	86.67%
E2D494	B	A	A	D	A	A	D	C	C	B	B	B	A	C	C	13.00	86.67%
E365E6	B	A	A	C	A	A	D	C	C	D	A	B	A	D	C	12.00	80.00%
E3492C	B	A	A	D	A	A	A	C	C	B	B	B	A	C	C	12.00	80.00%
E34876	B	A	A	D	A	A	D	D	C	B	B	B	A	C	C	12.00	80.00%

## Department of Computer Science and Engineering

E2BF8D	B	A	A	D	B	A	A	A	C	D	A	A	A	C	C	9.00	60.00%
E34808	B	A	C	C	B	A	A	C	C	D	B	A	A	D	D	8.00	53.33%
E347CA	B	A	A	C	B	A	A	A	C	B	B	A	A	D	C	8.00	53.33%
E2BF9A	B	A	A	D	B	A	A	A	C	D	A	A	A	C	C	9.00	60.00%
E3667A	B	A	A	C	A	A	D	C	C	B	B	B	A	C	C	13.00	86.67%
E2C065	A	A	A	D	A	A	A	A	C	D	B	B	A	D	C	10.00	66.67%
E34928	B	A	A	D	A	A	D	C	C	D	B	B	A	D	C	13.00	86.67%
E2D4C7	B	A	A	C	A	A	D	C	C	B	B	B	A	C	C	13.00	86.67%
E2BB05	B	A	A	D	A	A	D	C	C	D	B	B	A	D	D	12.00	80.00%
E348C1	B	A	A	D	A	A	D	C	C	D	B	B	A	D	C	13.00	86.67%
E2C075	B	A	A	D	A	A	D	C	C	D	B	B	A	C	C	14.00	93.33%
E2BFCE	B	A	A	D	A	A	A	C	C	B	B	A	A	D	C	10.00	66.67%
E2BF31	B	A	A	D	A	A	A	C	C	D	B	B	A	D	C	12.00	80.00%
E2BAAF	B	A	A	D	A	A	D	C	C	D	B	B	A	D	C	13.00	86.67%
E34833	B	A	A	D	A	A	D	C	C	D	B	B	A	D	C	13.00	86.67%

E2BAA3	A	A	A	C	A	A	A	A	C	D	A	A	A	C	C	9.00	60.00%
E3492E	B	A	A	C	A	A	D	C	C	B	A	B	A	D	C	11.00	73.33%
E2BB27	B	A	A	C	B	A	D	A	C	B	A	A	A	D	C	8.00	53.33%
E366DA	B	A	A	C	B	A	D	A	D	B	A	A	A	C	C	8.00	53.33%
E2BFE5	B	A	A	C	B	A	D	C	C	B	A	A	A	C	D	9.00	60.00%
E2D4C8	B	A	A	C	B	A	D	C	C	B	A	A	A	C	C	10.00	66.67%
E348AA	B	A	A	C	B	A	D	C	C	B	A	A	A	C	C	10.00	66.67%
E2BBC9	B	A	A	D	A	A	D	C	C	D	B	B	A	D	C	13.00	86.67%
E2BB16	-	A	A	C	A	A	A	A	C	D	A	A	A	C	C	9.00	60.00%
Course Averages	91.11%	97.78%	95.56%	0.00%	77.78%	100.00%	80.00%	68.89%	97.78%	64.44%	64.44%	68.89%	100.00%	40.00%	91.11%	11.18	74.52%



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## Department of Computer Science and Engineering

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**Poll Everywhere**

## Department of Computer Science and Engineering

### 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 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.

Sample report is as shown below:



[Polls](#) [Participants](#) [Reports](#) [Teams](#) [Help](#)

[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%	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✗	✗	✗
<b>Average Grade</b>			73%		-	76%	71%	76%	94%	76%	76%	71%	88%	94%	94%	47%	71%	47%	53%

## Department of Computer Science and Engineering

### Poll Everywhere

[Polls](#)
[Participants](#)
[Reports](#)
[Teams](#)
[Help](#)

[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](#)

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## Pretest

Current run (last updated Apr 6, 2020 9:02pm)

15

Polls

17

Participants

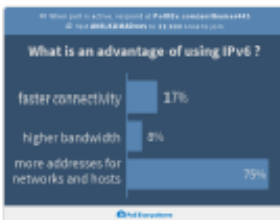
14

Average responses



Average engagement

## What is an advantage of using IPv6 ?



Response options

faster connectivity

higher bandwidth

more addresses for networks and hosts

Count Percentage

2 17%

1 8%

9 75%



Engagement

12

Responses

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## Department of Computer Science and Engineering

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# MS Team Form Quiz

## Department of Computer Science and Engineering

### Sample Response Form

The screenshot shows a Microsoft Forms interface for a quiz titled "17CS742-CCA-Assignment 03-7th A Section (CSE/2020-21/7A) (10 Points)". The interface includes a navigation bar with "Questions" and "Responses (42)" tabs. The main content area displays two questions:

**1**  
Which of the following is not a phase of cloud lifecycle management? \*  
(1 Point)

- a) The definition of the service as a template for creating instances
- b) Client interactions with the service
- c) Management of the operation of instances and routine maintenance
- d) None of the mentioned ✓

**2**  
Point out the wrong statement. \*  
(1 Point)

- a) Google App Engine lets you deploy the application and monitor it

The bottom of the screenshot shows the Windows taskbar with a search bar, system tray, and the time 01:09 PM on 10-05-2021.

## Department of Computer Science and Engineering

Microsoft Forms | Microsoft Forms | +

https://forms.office.com/Pages/DesignPage.aspx#Analysis=true&FormId=MFn5iZb\_oUGePrbRIBkr\_0JYXE7Ux6xCn9prXgkww6pUNFk3REdHRTQy...

Forms | CSE/2020-21/8A | 17CS742-CCA-Assignment 03-7th A Section (CSE/2020-21/7A) - Saved

Preview Theme Share

Questions Responses 42

Review answers Post scores Open in Excel

1. Which of the following is not a phase of cloud lifecycle management? (1 point)  
100% of respondents (42 of 42) answered this question correctly.  
[More Details](#)

a) The definition of the service...	0
b) Client interactions with the ...	0
c) Management of the operati...	0
d) None of the mentioned	42 ✓

2. Point out the wrong statement. (1 point)  
98% of respondents (41 of 42) answered this question correctly.  
[More Details](#)

a) Google App Engine lets you...	0
b) From the standpoint of the ...	41 ✓
c) The full range of network m...	0
d) All of the mentioned	1

3. Which type of Hypervisor is shown in the following figure? (1 point)  
98% of respondents (41 of 42) answered this question correctly.  
[More Details](#)

a) Type 1	41 ✓
b) Type 2	0

Type here to search | 01:08 PM | 10-05-2021

*Bowda*  
HOD

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## Department of Computer Science and Engineering

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# Google Form Evaluation

## Department of Computer Science and Engineering

### Sample Screenshot

### Sample Form

The screenshot displays a Google Forms interface for an 'Untitled form'. The browser's address bar shows the URL: docs.google.com/forms/d/1Le2JbJ8kEZWz6Gaj-zihikVdaj8jxEd1sz2qKY4pGU/edit. The form is titled 'Untitled form' and has a 'Send' button in the top right corner. The form content includes a 'Short-answer text' field at the top, followed by three multiple-choice questions:

- 1. What is the output of the following program : print "Hello World"[::-1] \*
  - dloW olleH
  - Hello Worl
  - d
  - Error
- 2. Given a function that does not return any value, what value is shown when executed at the shell? \*
  - Int
  - Bool
  - Void
  - None
- 3. Which module in Python supports regular expressions? \*

The bottom of the screenshot shows a Windows taskbar with a search bar, several application icons, and a system tray displaying the time as 01:11 PM on 10-05-2021.



## Department of Computer Science and Engineering

### Google form Evaluation

78 responses

Accepting responses

Summary Question Individual

#### Insights

Average	Median	Range
12.78/15 points	14/15 points	4-14 points

Total points distribution

Points scored	No. of respondents
4	2
6	2
8	2
10	2
12	5
13	10
14	45

#### Scores

Release scores

Email	Score/15	Score released
mssunithapatel@gmail.com	11	11 Aug 12:44

Type here to search

01:12 PM  
10-05-2021

## Department of Computer Science and Engineering

### Response Evaluation

The screenshot shows a Google Forms interface with two questions and their response distributions. The browser tabs include 'Sent Mail - mssunithapate...', 'My Drive - Google Drive', 'Untitled form - Google Form', 'PPTS - Google Drive', 'OS(18CS43)', and 'Gmail'. The URL is 'docs.google.com/forms/d/1Le2JbJ8kEZWZx6Gaj-ziHikVdaj8jxEd1sz2qKY4pGU/edit#responses'. The form title is 'Untitled form' and it has 'Total points: 15'. The 'Responses' tab is active, showing 78 responses.

**Question 1:** 1. What is the output of the following program : print 'Hello World'[::-1]  
73 / 78 correct responses

Response	Count	Percentage
✓ dnoW olleH	73	93.6%
Hello Worl	1	1.3%
d	2	2.6%
Error	2	2.6%

**Question 2:** 2. Given a function that does not return any value, what value is shown when executed at the shell?  
70 / 78 correct responses

Response	Count	Percentage
int	0	0%
Bool	2	2.6%
Void	6	7.7%
✓ None	70	89.7%

The Windows taskbar at the bottom shows the search bar with 'Type here to search', several application icons, and the system tray with the time '01:12 PM' and date '10-05-2021'.

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## Department of Computer Science and Engineering

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### **Additional Learning ICT Resources**

1. VTU EDUSAT Classroom
2. Digital Library
3. Study Materials
4. CERP
5. Flipped Classroom

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## Department of Computer Science and Engineering

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# VTU EDUSAT Classroom

## Department of Computer Science and Engineering

Facility is provided for all students to access NPTEL Video through Digital Library. EDUSAT Videos are played for student learning purpose

### NPTEL/EDUSAT Video Lecture Session

Semester: V

AY:2019-2020

**Course:** Cryptography

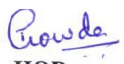


Students listening to the video lecture session on Cryptography

### Digital Library

The Library is having 24 computers with internet facility. DVD/CDs are provided in the library and are made accessible to students and Faculty members. Around 1383 digital materials of CDs & DVDs are available in the Digital Library. Student can view the same and as well as student can borrow for an overnight.

NPTEL & Edusat E-Learning resources taken from the VTU for beneficial of Faculties, Students & Research scholars. The above services are IP enabled and can be accessed anywhere in the campus.

  
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ATME College of Engineering  
Mysuru-570024

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## Department of Computer Science and Engineering

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# Digital Library

## Department of Computer Science and Engineering

### 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	<a href="http://ieeexplore.ieee.org/">http://ieeexplore.ieee.org/</a>
2	Science Direct	<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
3	Springer (E-Journals & E-Books)	<a href="http://link.springer.com/">http://link.springer.com/</a>
4	NPTEL online videos	<a href="http://www.nptelvideos.com/">http://www.nptelvideos.com/</a>
5	ProQuest	<a href="http://search.proquest.com/">http://search.proquest.com/</a>

### 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.



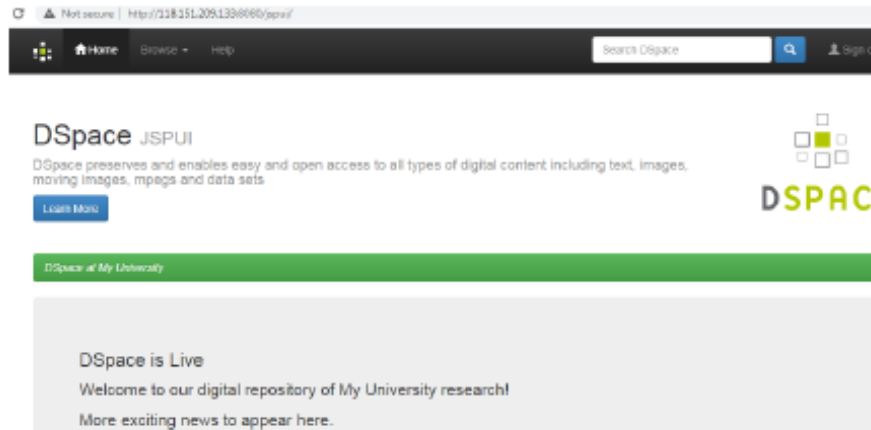
[Home](#)

Log in to your account:

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Password:

## Department of Computer Science and Engineering



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**DSpace JSPUI**  
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**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



**Username**

**Password**



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



## Department of Computer Science and Engineering

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

# 366

e-Contents Available

# 857

Course Experts Participated

# 15120

Hours of Videos

e-Content Repository

Click Here

### VTU E-LEARNING CENTRE, MYSURU

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

The objectives are:

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

1 10 1 1 1 1

Live Sessions

Webinar    Notifications

[e-Shikshana YouTube Channel](#)

e-Contents for Odd Semester
<a href="#">Basic Sciences</a>
<a href="#">Civil Engineering</a>
<a href="#">Computer Science and Engineering</a>
<a href="#">Electronics and Communication Engineering</a>
<a href="#">Electricals and Electronics Engineering</a>
<a href="#">Mechanical Engineering</a>

*Crowda*  
**HOD**  
**HOD**  
Dept. of Computer Science & Engg  
ATME College of Engineering  
Mysuru-570024

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## Department of Computer Science and Engineering

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# Study Materials

## Department of Computer Science and Engineering

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

**Website Link::** <https://atme.in/computer-science-engineering/resources/>

<b>CS</b>
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 C J	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 industry	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 C J	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

*Browda*  
HOD

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## Department of Computer Science and Engineering

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**CERP**

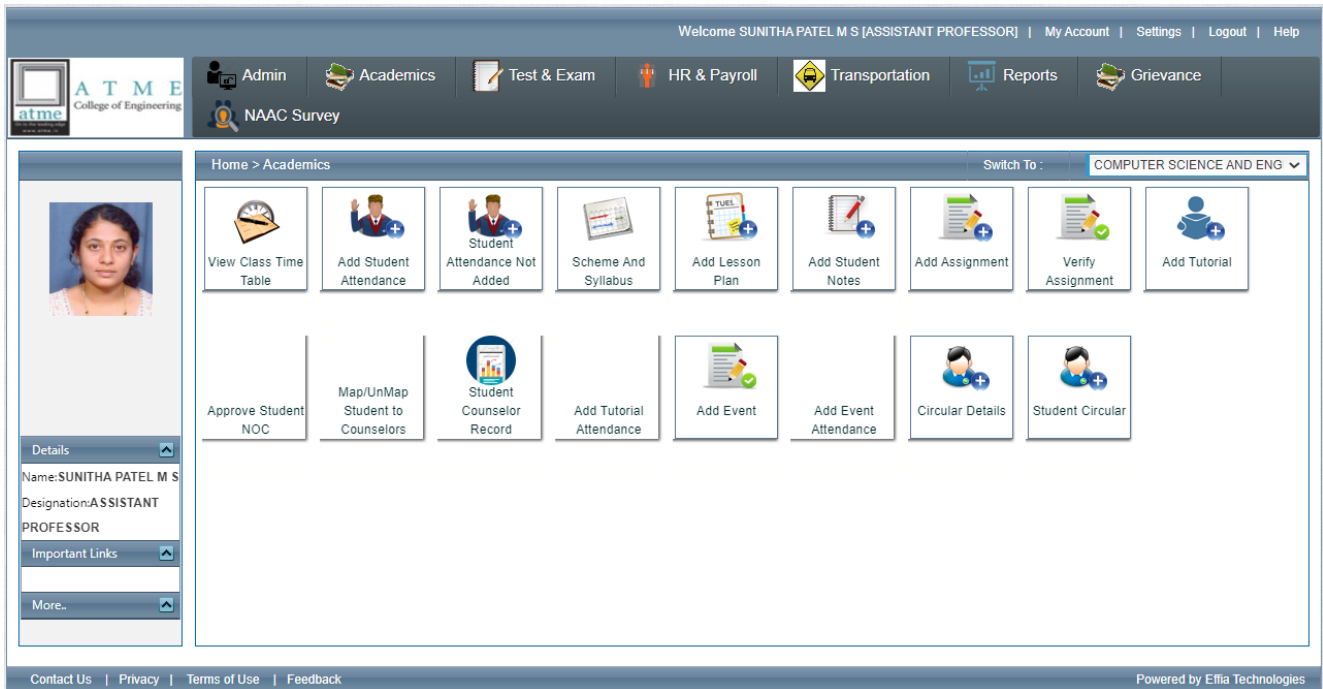
## Department of Computer Science and Engineering

### Student Learning Resources

#### College Enterprise Resource Planning (CERP)

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

Note: Credentials is required for Login



Welcome SUNITHA PATEL M S [ASSISTANT PROFESSOR] | My Account | Settings | Logout | Help

Admin | Academics | Test & Exam | HR & Payroll | Transportation | Reports | Grievance

NAAC Survey

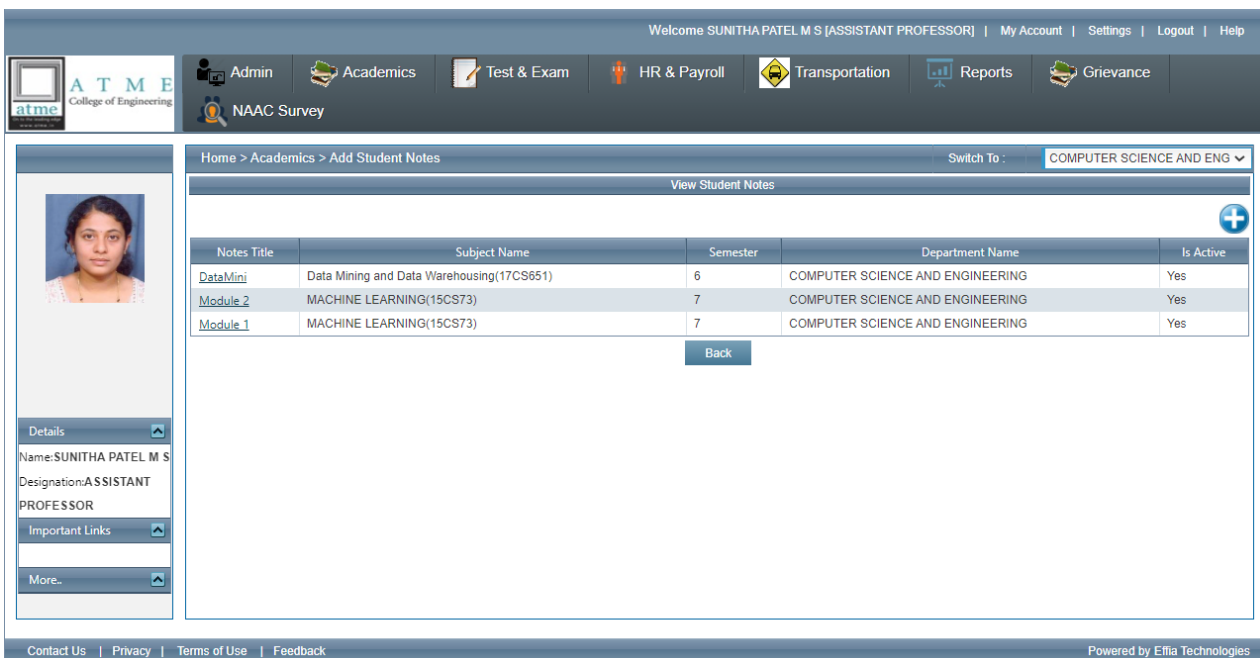
Home > Academics | Switch To : COMPUTER SCIENCE AND ENG

View Class Time Table | Add Student Attendance | Student Attendance Not Added | Scheme And Syllabus | Add Lesson Plan | Add Student Notes | Add Assignment | Verify Assignment | Add Tutorial

Approve Student NOC | Map/UnMap Student to Counselors | Student Counselor Record | Add Tutorial Attendance | Add Event | Add Event Attendance | Circular Details | Student Circular

Details  
Name: SUNITHA PATEL M S  
Designation: ASSISTANT PROFESSOR  
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NAAC Survey

Home > Academics > Add Student Notes | Switch To : COMPUTER SCIENCE AND ENG

View Student Notes

Notes Title	Subject Name	Semester	Department Name	Is Active
<a href="#">DataMini</a>	Data Mining and Data Warehousing(17CS651)	6	COMPUTER SCIENCE AND ENGINEERING	Yes
<a href="#">Module_2</a>	MACHINE LEARNING(15CS73)	7	COMPUTER SCIENCE AND ENGINEERING	Yes
<a href="#">Module_1</a>	MACHINE LEARNING(15CS73)	7	COMPUTER SCIENCE AND ENGINEERING	Yes

Back

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Designation: ASSISTANT PROFESSOR  
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## Department of Computer Science and Engineering

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# Flipped Classroom

## Department of Computer Science and Engineering

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.

Welcome SUNITHA PATEL M S [ASSISTANT PROFESSOR] | My Account | Settings | Logout | Help

Admin Academics Test & Exam HR & Payroll Transportation Reports Grievance NAAC Survey

Home > Reports > Email Details Report Switch To: COMPUTER SCIENCE AND ENG

Email Details Report

Role	Subject	EmailDate	Recipients
STUDENT	Welcome Mail	28-07-2019 00:00:00	102
STUDENT	MSSD-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
STUDENT	-Email-08	13-08-2019 00:00:00	48
STUDENT	-17CS564-Email-09	16-08-2019 00:00:00	48
STUDENT	-Email-04	16-08-2019 00:00:00	54
STUDENT	-17CS564-Email-10	20-08-2019 00:00:00	48
STUDENT	-17CS564-Email-14	28-08-2019 00:00:00	48
STUDENT	-15CS73-Email-07	03-09-2019 00:00:00	54
STUDENT	-15CS73-Email-08	04-09-2019 00:00:00	54
STUDENT	-17CS564-Email-16	04-09-2019 00:00:00	48
STUDENT	-15CS73	09-09-2019 00:00:00	54
STUDENT	-17CS564	09-09-2019 00:00:00	48
STUDENT	-15CS73-Email14	16-09-2019 00:00:00	54
STUDENT	15CS73-Email17	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	17CS564-Email-01	11-02-2020 00:00:00	47

Home > Reports > Email Details Report Switch To: COMPUTER SCIENCE AND ENG

Email Details Report

Email Subject and Body Details

EmailSubject	Email Body
	<p>Dear Students,</p> <p>Greeting from M S Sunitha Patel, Asst. Professor, Dept. of CSE, ATMECE!!</p> <p>Welcome to the 2019-2020 academic year!</p> <p>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.</p> <p>I will be handling the Elective Subject Dot Net Framework for Application Development-15CS564.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p><b>Advantages of .NET for Business Application Development</b></p> <p>The following features of .NET facilitate reduction of developmental and operational cost for an efficient IT organization.</p> <ol style="list-style-type: none"> <li><b>1. Less Coding and Increased Reuse of Code:</b> <p>This framework works on object-oriented programming which eliminates unnecessary codes and involves less coding for the developers. .NET consists of re-usable code and many re-useable components. This translates into less time and consequently less cost to develop applications.</p> </li> <li><b>2. Deployment:</b></li> </ol>

*Sunitha*  
HOD

## **Number of teachers using ICT**



**AY: 2020-2021**

### Number of teachers using ICT

**AY: 2020-2021**

Sl.No	Name	Designation	ICT Resources Utilized		Remarks
			Yes	No	
1	Dr GOVINDE GOWDA	Professor & Dean	✓		
2	Dr SRINIVASA K	Professor & Head	✓		
3	Dr RATHNAKAR G	Professor	✓		
4	DEVARAJ M R	Assoc. Professor	✓		
5	RAVIKUMAR S	Assoc. Professor	✓		
6	Dr SURESH KUMAR S	Assoc. Professor	✓		
7	DEEPAK M V S	Asst. Professor	✓		
8	Dr MANJUNATHA H S	Asst. Professor	✓		
9	RAGHU	Asst. Professor	✓		
10	Dr CHETHAN S	Asst. Professor	✓		
11	Dr MD NADEEM M	Asst. Professor	✓		
12	NIRANJAN KUMAR V S	Asst. Professor	✓		
13	YATHISHA N	Asst. Professor	✓		
14	THEJKUMAR J	Asst. Professor	✓		
15	RAMANUJA C M	Asst. Professor	✓		
16	Dr MOHANAKUMARA K C	Asst. Professor	✓		
17	SWARNAKIRAN S	Asst. Professor	✓		
18	ROHITH S	Asst. Professor	✓		
19	YASHWANTH N	Asst. Professor	✓		
20	KARTHIK KUMAR M	Asst. Professor	✓		
21	PAVAN KUMAR K P	Asst. Professor	✓		



**HOD**



**PRINCIPAL**

**AY: 2019-2020**



**Number of teachers using ICT**

**AY: 2019-20**

Sl.No	Name	Designation	ICT Resources Utilized		Remarks
			Yes	No	
1	Dr RATHNAKAR G	Professor & Head	✓		
2	Dr SRINIVASA K	Professor	✓		
3	DEVARAJ M R	Assoc. Professor	✓		
4	RAVIKUMAR S	Assoc. Professor	✓		
5	SURESH KUMAR S	Assoc. Professor	✓		
6	ARJUN M S	Asst. Professor	✓		
7	DEEPAK M V S	Asst. Professor	✓		
8	Dr MANJUNATHA H S	Asst. Professor	✓		
9	RAGHU	Asst. Professor	✓		
10	HARSHA D N	Asst. Professor	✓		
11	CHETHAN S	Asst. Professor	✓		
12	Dr MD NADEEM M	Asst. Professor	✓		
13	NIRANJAN KUMAR V S	Asst. Professor	✓		
14	YATHISHA N	Asst. Professor	✓		
15	RAKSHITH N	Asst. Professor	✓		
16	THEJKUMAR J	Asst. Professor	✓		
17	RAMANUJA C M	Asst. Professor	✓		
18	MOHANAKUMARA K C	Asst. Professor	✓		
19	SWARNAKIRAN S	Asst. Professor	✓		
20	ROHITH S	Asst. Professor	✓		
21	YASHWANTH N	Asst. Professor	✓		
22	KARTHIK KUMAR M	Asst. Professor	✓		
23	PAVAN KUMAR K P	Asst. Professor	✓		

**HOD**

**PRINCIPAL**

**AY: 2018-2019**

### Number of teachers using ICT

**AY: 2018-19**

Sl.No	Name	Designation	ICT Resources Utilized		Remarks
			Yes	No	
1	Dr RATHNAKAR G	Professor & Head	✓		
2	Dr SRINIVASA K	Professor	✓		
3	DEVARAJ M R	Assoc. Professor	✓		
4	RAVIKUMAR S	Assoc. Professor	✓		
5	SURESH KUMAR S	Assoc. Professor	✓		
6	ARJUN M S	Asst. Professor	✓		
7	DEEPAK M V S	Asst. Professor	✓		
8	MANJUNATHA H S	Asst. Professor	✓		
9	RAGHU	Asst. Professor	✓		
10	HARSHA D N	Asst. Professor	✓		
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13	NIRANJAN KUMAR V S	Asst. Professor	✓		
14	YATHISHA N	Asst. Professor	✓		
15	RAKSHITH N	Asst. Professor	✓		
16	THEJKUMAR J	Asst. Professor	✓		
17	RAMANUJA C M	Asst. Professor	✓		
18	MOHANAKUMARA K C	Asst. Professor	✓		
19	SWARNAKIRAN S	Asst. Professor	✓		
20	ROHITH S	Asst. Professor	✓		
21	YASHWANTH N	Asst. Professor	✓		
22	KARTHIK KUMAR M	Asst. Professor	✓		
23	PAVAN KUMAR K P	Asst. Professor	✓		
24	GIRISH KUMAR G S	Asst. Professor	✓		


**HOD**
  

**PRINCIPAL**

**AY: 2017-2018**

### Number of teachers using ICT

**AY: 2017-18**

Sl.No	Name	Designation	ICT Resources Utilized		Remarks
			Yes	No	
1	Dr RATHNAKAR G	Professor & Head	✓		
2	Dr SURESHA S	Professor	✓		
3	SRINIVASA K	Assoc. Professor	✓		
4	DEVARAJ M R	Assoc. Professor	✓		
5	RAVIKUMAR S	Assoc. Professor	✓		
6	SURESH KUMAR S	Assoc. Professor	✓		
7	ARJUN M S	Asst. Professor	✓		
8	DEEPAK M V S	Asst. Professor	✓		
9	MANJUNATHA H S	Asst. Professor	✓		
10	RAGHU	Asst. Professor	✓		
11	HARSHA D N	Asst. Professor	✓		
12	CHETHAN S	Asst. Professor	✓		
13	MD NADEEM M	Asst. Professor	✓		
14	NIRANJAN KUMAR V S	Asst. Professor	✓		
15	YATHISHA N	Asst. Professor	✓		
16	TEJENDRA PRASAD	Asst. Professor	✓		
17	RAKSHITH N	Asst. Professor	✓		
18	THEJKUMAR J	Asst. Professor	✓		
19	RAMANUJA C M	Asst. Professor	✓		
20	MOHANAKUMARA K C	Asst. Professor	✓		
21	SWARNAKIRAN S	Asst. Professor	✓		
22	ROHITH S	Asst. Professor	✓		
23	YASHWANTH N	Asst. Professor	✓		
24	KARTHIK KUMAR M	Asst. Professor	✓		
25	PAVAN KUMAR K P	Asst. Professor	✓		
26	SACHIN B	Asst. Professor	✓		
27	HEMANTH B R	Asst. Professor	✓		
28	GIRISH KUMAR G S	Asst. Professor	✓		


**HOD**

**PRINCIPAL**



**AY: 2016-2017**

**Number of teachers using ICT**
**AY: 2016-17**

Sl.No	Name	Designation	ICT Resources Utilized		Remarks
			Yes	No	
1	Dr RATHNAKAR G	Professor & Head	✓		
2	Dr SURESHA S	Professor	✓		
3	SRINIVASA K	Assoc. Professor	✓		
4	DEVARAJ M R	Assoc. Professor	✓		
5	RAVIKUMAR S	Asst. Professor	✓		
6	VISHWANATHSHASTRY	Asst. Professor	✓		
7	CHALMESH MURTHY B S	Asst. Professor	✓		
8	SURESH KUMAR S	Asst. Professor	✓		
9	ARJUN M S	Asst. Professor	✓		
10	DEEPAK M V S	Asst. Professor	✓		
11	MANJUNATHA H S	Asst. Professor	✓		
12	RAGHU	Asst. Professor	✓		
13	HARSHA D N	Asst. Professor	✓		
14	CHETHAN S	Asst. Professor	✓		
15	MD NADEEM M	Asst. Professor	✓		
16	NIRANJAN KUMAR V S	Asst. Professor	✓		
17	YATHISHA N	Asst. Professor	✓		
18	TEJENDRA PRASAD	Asst. Professor	✓		
19	RAKSHITH N	Asst. Professor	✓		
20	THEJKUMAR J	Asst. Professor	✓		
21	RAMANUJA C M	Asst. Professor	✓		
22	MOHANAKUMARA K C	Asst. Professor	✓		
23	SWARNAKIRAN S	Asst. Professor	✓		
24	ROHITH S	Asst. Professor	✓		
25	YASHWANTH N	Asst. Professor	✓		
26	KARTHIK KUMAR M	Asst. Professor	✓		
27	PAVAN KUMAR K P	Asst. Professor	✓		
28	SACHIN B	Asst. Professor	✓		


**HOD**


**PRINCIPAL**

## **Number of ICT Enabled Classroom**



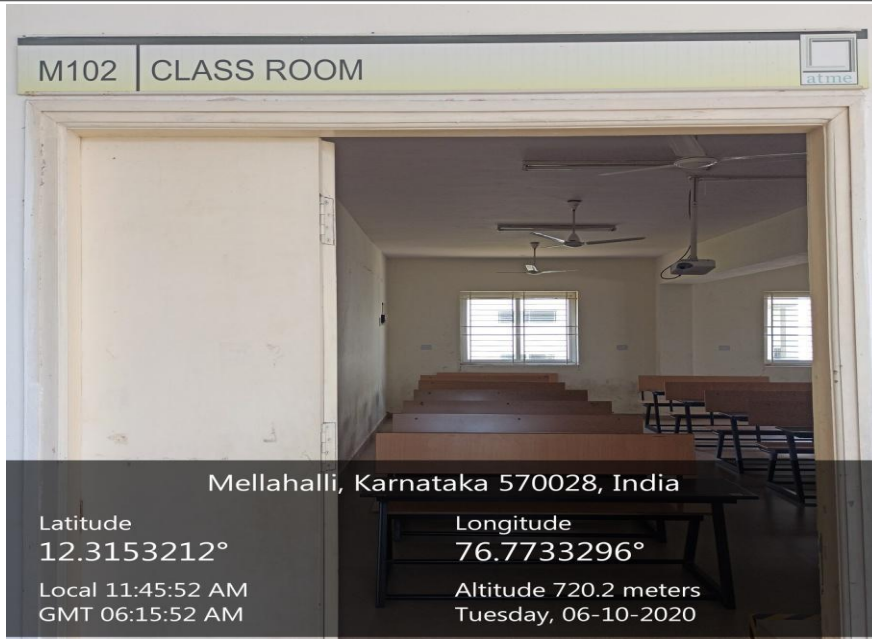
<b>Sl No</b>	<b>Name</b>	<b>Room No.</b>	<b>Facility</b>
1	ICT Enabled Classroom	M102,M104, M106	LCD Projectors with Projection screen, WIFI Facility
2	ICT Enabled Lab	101- Engineering Graphics Lab, 107-CIM Lab	LCD Projectors with Projection screen, WIFI Facility
3	ICT Enabled Seminar Hall	M109A	LCD Projectors with Projection screen, WIFI Facility

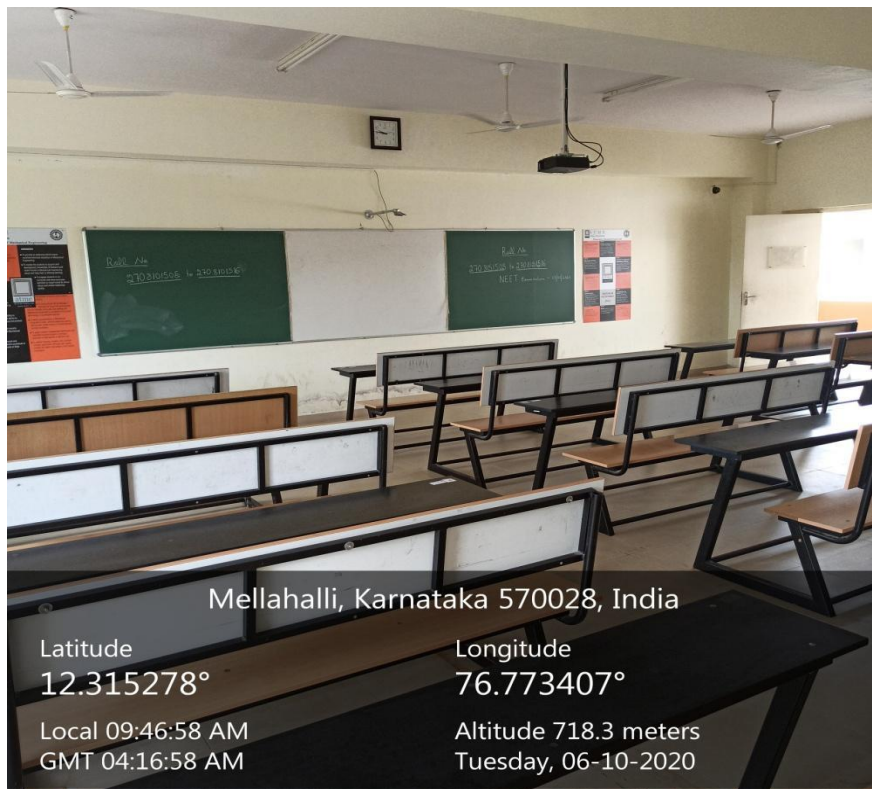
**HOD**

# Facility Proof



## Department of Mechanical Engineering





**Department of Mechanical Engineering**





Department of Mechanical Engineering



HOD



# ICT Resources



**Department of Mechanical Engineering**

**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 and YouTube Live streaming.
- d) Student response system is used for conducting quiz.

**HOD**

## Department of Mechanical Engineering

### MS Teams Screenshot Project Evaluation:

Microsoft Teams

### -Mechanical-P18-Project phase II Seminar-29-07-20

2020-07-29 09:34 UTC

Presented by: RAMANUJACM\_mech, Sponsored by: RAMANUJAJA\_C M

06:00 / 46:53

Details

<https://web.microsoftstream.com/video/376dcf4-1106-490f-8cbb-8d598591b37>

Open seminar-II.docx

More from trending videos

- EEE\_VII\_Sem\_02.11.2020\_17EEP78... 27 views
- EEE\_V\_Sem\_03.11.2020\_MC\_18EE... 14 views
- Ecosystem(structure, functions an... 4 views
- Meeting in '17EEP78-Project Wor... 24 views
- CV-5th sem-A sec-18CV53-3-11... 5 views
- First IA - 08-10-2020 - 'TA\_ACI-2... 6 views

Stream

Transcript

Search transcript

- 25:16 Towards Bubble
- 25:19 Sushant: Hello, you can
- 25:23 continue now. Yes.
- 25:26 Who is presently now?
- 25:28 OK, can
- 25:31 continue working. OK.
- 25:36 OK, yes you can start.
- 25:42 I location message. Department of mechanical engineering. Tm

Details

PROJECT SEMINAR P-14 BATCH

Published on 7/29/2020 by SURESH KUMAR S Limited 10 0

More from trending videos

- EEE\_VII\_Sem\_02.11.2020\_17EEP78... 27 views

Stream

Transcript

Search transcript

- 03:33 Aktiva Riga.
- 03:47 You got, you know.
- 03:48 Selena What are you guys doing?
- 03:52 Project.
- 04:14 Netflix.
- 04:18 Vision Microsoft.
- 04:21 Already. Movie night
- 04:26 Members

Details

P1 Project Batch Evaluation

Published on 7/29/2020 by Dr. SRINIVASA K Limited 30 0

More from trending videos

- EEE\_VII\_Sem\_02.11.2020\_17EEP78... 27 views

ATME College of Engineering

### BELT DRIVE PULVERIZER DIAGRAM

Drive Motor on the left

Drive pulley rotation direction for single belt drive

Fig 1 - V-Belt

Department of Mechanical Engineering, ATMECE

0:03:52 / 1:08:19

Details



**Sample MS Teams Links**

**Note: Official ID required to access  
2020-2021[Even Semester]**

**VIII Semester:**

Course/Subject	Code	Faculty	Link of AV files
OR	17ME81	Dr. MOHAMMED NADEEM M	<a href="https://web.microsoftstream.com/video/7783c08e-c56b-478d-a985-3086d9117f0?list=studio">https://web.microsoftstream.com/video/7783c08e-c56b-478d-a985-3086d9117f0?list=studio</a> <a href="https://web.microsoftstream.com/video/74a9c93f-91cb-46d4-b90e-aa0a24c21287">https://web.microsoftstream.com/video/74a9c93f-91cb-46d4-b90e-aa0a24c21287</a>
AM	17ME82	Dr. CHETHAN S	<a href="https://web.microsoftstream.com/video/7866cf46-b78d-4d12-b0fc-9d247ceb5139">https://web.microsoftstream.com/video/7866cf46-b78d-4d12-b0fc-9d247ceb5139</a>
ESA	17ME832	Mr. KARTHIK KUMAR M	<a href="https://web.microsoftstream.com/video/5878037b-1c3b-43c4-aa51-37d2f65b7634">https://web.microsoftstream.com/video/5878037b-1c3b-43c4-aa51-37d2f65b7634</a> <a href="https://web.microsoftstream.com/video/7403e921-a90c-460f-857e-143ab7b12b6b">https://web.microsoftstream.com/video/7403e921-a90c-460f-857e-143ab7b12b6b</a>

**VI Semester:**

Course/Subject	Code	Faculty	Link of AV files
FEA	18ME61	Mr. Rohith S	<a href="https://web.microsoftstream.com/video/ad396fba-f4e2-45a2-bea3-95363dda4514">https://web.microsoftstream.com/video/ad396fba-f4e2-45a2-bea3-95363dda4514</a> <a href="https://web.microsoftstream.com/video/22266fe8-9579-4bd6-818b-d3d2e4fd242f">https://web.microsoftstream.com/video/22266fe8-9579-4bd6-818b-d3d2e4fd242f</a>
DME-II	18ME62	Mr. Karthik Kumar M	<a href="https://web.microsoftstream.com/video/34fc3f21-6a53-4d94-b480-8290854f1374">https://web.microsoftstream.com/video/34fc3f21-6a53-4d94-b480-8290854f1374</a> <a href="https://web.microsoftstream.com/video/0d297ce0-6a21-492e-a0af-2d1beafe6736">https://web.microsoftstream.com/video/0d297ce0-6a21-492e-a0af-2d1beafe6736</a>
HMT	18ME63	Mr. Ravikumar S	<a href="https://web.microsoftstream.com/video/0fd95410-fe7e-4aac-af49-f49ed4f965ca">https://web.microsoftstream.com/video/0fd95410-fe7e-4aac-af49-f49ed4f965ca</a> <a href="https://web.microsoftstream.com/video/32808757-7b7e-4baa-abe6-10c20ba2996d">https://web.microsoftstream.com/video/32808757-7b7e-4baa-abe6-10c20ba2996d</a>
NTM	18ME641	Dr. Chethan S	<a href="https://web.microsoftstream.com/video/91ccbc28-0318-44a7-90b8-969ef76d148f">https://web.microsoftstream.com/video/91ccbc28-0318-44a7-90b8-969ef76d148f</a> <a href="https://web.microsoftstream.com/video/9f04b4db-6366-45bb-b9cd-435543c484a1">https://web.microsoftstream.com/video/9f04b4db-6366-45bb-b9cd-435543c484a1</a>



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IV Semester:

Course	Code	Faculty	Link of AV files
ATD	18ME42	Mr. Pavan Kumar K P	<a href="https://web.microsoftstream.com/video/54494e9c-2789-4ff3-9376-c2939deffbb3">https://web.microsoftstream.com/video/54494e9c-2789-4ff3-9376-c2939deffbb3</a> <a href="https://web.microsoftstream.com/video/ed682cb5-39d6-4242-b54e-2d1bf0eab3ad">https://web.microsoftstream.com/video/ed682cb5-39d6-4242-b54e-2d1bf0eab3ad</a>
FM	18ME43	Mr. Raghu	<a href="https://web.microsoftstream.com/video/95f48875-0a5e-4a03-9eb3-f2bab8b0c144">https://web.microsoftstream.com/video/95f48875-0a5e-4a03-9eb3-f2bab8b0c144</a> <a href="https://web.microsoftstream.com/video/fea42bb7-bfc0-4bce-b492-6fd97c9e07fa">https://web.microsoftstream.com/video/fea42bb7-bfc0-4bce-b492-6fd97c9e07fa</a>
KOM	18ME44	Mr. Niranjan Kumar V S	<a href="https://web.microsoftstream.com/video/4d7209ec-99ce-470e-b42b-1c0626317d1f">https://web.microsoftstream.com/video/4d7209ec-99ce-470e-b42b-1c0626317d1f</a> <a href="https://web.microsoftstream.com/video/e00f7b23-fdfa-40be-9897-500e600a98c9">https://web.microsoftstream.com/video/e00f7b23-fdfa-40be-9897-500e600a98c9</a>
MMM	18ME46B	Dr. Md. Nadeem M	<a href="https://web.microsoftstream.com/video/61862a02-1056-460c-82d7-d4388ad799d3">https://web.microsoftstream.com/video/61862a02-1056-460c-82d7-d4388ad799d3</a> <a href="https://web.microsoftstream.com/video/1fae4818-0caa-4138-ac52-7721153c3905">https://web.microsoftstream.com/video/1fae4818-0caa-4138-ac52-7721153c3905</a>

II Semester:


Course	Code	Faculty	Link of AV files
EME	18ME25	Thejkumar J	<a href="https://web.microsoftstream.com/video/8457a44c-2b87-4db8-8cfa-e92d39647d3a">https://web.microsoftstream.com/video/8457a44c-2b87-4db8-8cfa-e92d39647d3a</a> <a href="https://web.microsoftstream.com/video/87c3d048-3a6c-440b-83b6-7e9b07fd3dd3">https://web.microsoftstream.com/video/87c3d048-3a6c-440b-83b6-7e9b07fd3dd3</a>
CAED	18EGDL25	Thejkumar J	<a href="https://web.microsoftstream.com/video/b4c494f6-4105-4c00-a7c0-ceffe4aaab75">https://web.microsoftstream.com/video/b4c494f6-4105-4c00-a7c0-ceffe4aaab75</a> <a href="https://web.microsoftstream.com/video/2d97bd58-c3e7-46d9-b9c8-0a3a74cf5364">https://web.microsoftstream.com/video/2d97bd58-c3e7-46d9-b9c8-0a3a74cf5364</a>

**HOD**



**MS Teams Channel Screenshot**

< All teams




**ATME\_ME\_6th B\_(2020-21)**

General


- 18ME51-Management and Economics
- 18ME52-Design of Machines Element...
- 18ME53- Dynamics of Machines
- 18ME54-Turbo Machines
- 18ME55-Fluid Power Engineering
- 18ME56-Operations Management
- 18ME61-Finite Element Method
- 18MEL58-Energy Conversion Lab


8 hidden channels

 **18ME61-Finite Element ...** Posts Files 2 more + Team Meet


← Reply

Thursday, April 29, 2021

 SURESH KUMAR S Wednesday 9:03 PM  
Scheduled a meeting


 ME-6TH-B-FEM-29/04/21  
Thursday, April 29, 2021 @ 12:15 PM


26 replies from you, SYEDMOHAMMEDYOUNUS, SHIVAPRASADKS, and 19 others

 V4 VarunR 4ad18me439 Thursday 4:13 PM  
Varun R  
4ad18me439


← Reply

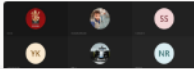
Yesterday

 SURESH KUMAR S Thursday 7:18 PM  
Scheduled a meeting

 ME-6TH B-FEM-30/04/21  
Friday, April 30, 2021 @ 10:00 AM

7 replies from you, NAVEENM, MOHAMMEDJAVEEDAHMED, and 4 others

 Meeting ended: 1h 11m PV SM PR +60



**Meeting**

Recorded by: SURESH KUMAR S

New conversation



**Department of Mechanical Engineering**

Activity

Calendar

Chat

Assignments

Teams

Calls

Files

< All teams

**6A**

**(2019-20) ME - 6th Sem A Sec**

General

**Computer integrated Manufacturi...**

Design of Machine Elements 2 - 17M...

Finite Element Analysis - 17ME61

Heat Transfer - 17ME63

METAL FORMING-17ME653

Modelling and analysis lab(17MEL68)

Total Quality Management- 17ME664

**6A Design of Machine Elem...** Posts Files Notes +

Team Meet

ROHITH S set this channel to be automatically shown in the channels list.

ROHITH S 15-Apr-20 12:39 PM  
Hello all, I warmly welcome you all to microsoft teams. From now onwards I will be sharing all the related notes, PPT, links of Design of Machine Elements - 2 in this channel itself please regularly check it out.

Reply

ROHITH S 15-Apr-20 12:40 PM  
Dear students please find attached link of Module 5 - Introduction to Lubrication and bearings  
[https://drive.google.com/open?id=1Y0SYGTY6jrhWhk-64jNvzp7c\\_ix9zJMx](https://drive.google.com/open?id=1Y0SYGTY6jrhWhk-64jNvzp7c_ix9zJMx)

**Lubrication and Bearings.mov**

drive.google.com

Reply

ROHITH S 15-Apr-20 12:42 PM  
Dear students please find attached link of Module 5 - some important topics and design procedure of journal bearing  
<https://drive.google.com/open?id=1Jkm6SN5ocEsiHQoafecyiYIpuad6M1ww>

**Lubrications and bearing 2.mov**

drive.google.com

*[Handwritten Signature]*  
**HOD**






# **Power Point Presentation**




## Sample PPT

**Course: Finite Element Methods-18ME61**

Course Coordinator: Mr. Suresh Kumar S




**A T M E**  
College of Engineering




**Finite Element Analysis**  
**18ME61**

**Module-1**  
**Introduction to Finite Element Method**

Dr. Suresh Kumar S  
Associate Professor,  
Dept. of Mechanical Engineering,  
ATMECE, Mysuru




**A T M E**  
College of Engineering



**General Steps of Finite Element Method:**

1. Modelling
2. Discretization of given Domain
3. Selection of the displacement model
4. Derivation of element stiffness matrix
5. Assembly of elements stiffness matrix into global stiffness matrix
6. Applying boundary conditions
7. To find the unknown parameter such as displacements, stress and strain

**Modelling:**  
Modelling refers to writing the problem domain into line diagrams.



Department of Mechanical Engineering, ATMECE




HOD


**Course: TURBOMACHINES-18ME54**

Course Coordinator: Mr. Raghu


Turbomachines -18ME54-PPT-Module-1-Problems.pdf
Start conversation Close

**TURBOMACHINES**  
**18ME54**






**A T M E**  
College of Engineering



**Module-I**  
**INTRODUCTION**

**Prof. Raghu**  
Assistant professor,  
Dept. of Mechanical Engineering,  
ATMECE, Mysuru



**6) The quantity of water available for a hydroelectric power station is 260m<sup>3</sup>/sec. The head developed is 1.73m. If the speed of the turbines is 50rpm and efficiency 82.5%, find the number of turbines . Assume specific speed to be 760.( 1c, 06, Dec25/Jan16,)**

**Data Given:**

Q=260cumecs =260m<sup>3</sup>/s; H=1.73m; N=50rpm; η<sub>o</sub>=82.5% number of turbine=?

**Total power**

$$\eta_o = \frac{P}{\omega QH}$$

$$0.85 = \frac{P_T}{9810 \times 260 \times 1.73}$$

$$P_T = 3640343W = 3640.343kW$$

**Power per each turbine**

$$N_s \text{ each} = \frac{N \sqrt{P_{each}}}{H^{5/4}};$$

$$760 = \frac{50 \sqrt{P_{each}}}{1.73^{5/4}}$$

$$P_{each} = 909.49kW$$

**Number of turbines**

No of turbine required =  $\frac{P_T}{P_{each}}$

$$n = \frac{3640.343}{909.49} = 4$$

15 of 18



**HOD**

**Course: Operations Management-18ME56**

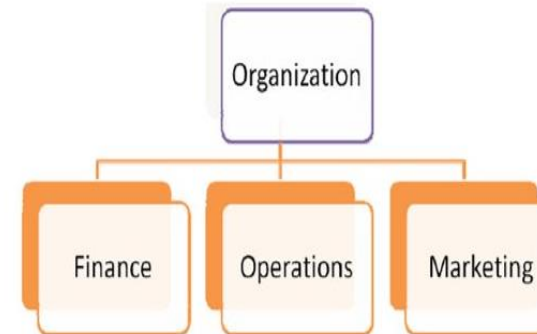
Course Coordinator: Dr. CHETHAN S

# Operations Management 18ME56

Faculty Incharge  
**Dr. CHETHAN S**  
Assistant Professor  
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

**Operations management** is the management of systems or processes that *create goods and/or provide services*.

- Business organizations have three basic functional areas –



HOD



# Google Classroom



**The Google classroom (snapshot) provided for reference.**

3RD Sem. A Section

Stream Classwork People Grades

**3RD Sem. A Section**

Class code: cfdjiit

Upcoming

No work due soon

View all

Share something with your class..

**NIRANJAN KUMAR V S**  
Nov 8, 2019

Reference: Sheet metal forming

Mfg Tooling -11 Forming t... PDF

3RD Sem. A Section

Stream Classwork **People** Grades

**Teachers** 2+

**NIRANJAN KUMAR V S**

**Students** 44 students

Actions

Chakravarthy 2004

PaYcO Affan

Fardeen Ahmed

Parveez Ahmed

  
**HOD**

**Department of Mechanical Engineering**

**Google Classroom, Zoom Link**

SL. No.	Semester	Course Code & Course Name	Course Coordinator	Topics	Available Document	Platform	Link
1	4 <sup>th</sup>	18ME137A 18ME45B	Mr KARTHIK KUMAR M	Lab experiment videos Kahoot game quiz on subject	Videos	MS Team	<a href="https://web.microsoftstream.com/channel/4404ecd8-8e14-4a25-8721-97467f63dfc5">https://web.microsoftstream.com/channel/4404ecd8-8e14-4a25-8721-97467f63dfc5</a>
2	6 <sup>th</sup>	17ME64	Mr ROHITH S	Problems on Flat belts Selection of flat belt length & cross section.	video	Zoom, Edmodo	<a href="https://drive.google.com/open?id=12IFbTJxj4oMJye4tB07fFWZ5wuUPZm_">https://drive.google.com/open?id=12IFbTJxj4oMJye4tB07fFWZ5wuUPZm_</a> Meeting ID - 355 648 832 Password - NIL
3	4 <sup>th</sup>	18ME45B	Mr YASHWANTH N	Introduction to Machine Tool - The Lathe, Lathe Specifications, Parts of Lathe, Operations carried on lathe	Video	Edmodo Google Drive	<a href="https://new.edmodo.com/post/722547466">https://new.edmodo.com/post/722547466</a> <a href="https://drive.google.com/open?id=1gpmvht59_4kc77e8ThZbZWv80qjzb5Fu">https://drive.google.com/open?id=1gpmvht59_4kc77e8ThZbZWv80qjzb5Fu</a>
4	6 <sup>th</sup>	17ME64	Mr SWARNAKIRAN S	Problem on Torsion of shafts	Video	Google drive	<a href="https://drive.google.com/open?id=17hugdNKGcnzXZ3AR6Ndy1OZMzGeNGaon">https://drive.google.com/open?id=17hugdNKGcnzXZ3AR6Ndy1OZMzGeNGaon</a>
5	2 <sup>nd</sup>	18EGDL25	Dr MOHANAKUMARA K C	Topic: Problems on projection of planes	Video	Zoom	<a href="https://us04web.zoom.us/j/942805980?pwd=TEZIVHhmTmFud01ROGVRTFB5RzdmZz09">https://us04web.zoom.us/j/942805980?pwd=TEZIVHhmTmFud01ROGVRTFB5RzdmZz09</a> Meeting ID: 942 805 980 Password: 098051
				Topic: Lancashire Boiler, constructikn and working	1.Video 2.Quize and videos	1.Zoom 2.Edmodo	1. <a href="https://us04web.zoom.us/j/930620518?pwd=1v6iFoDX83o">https://us04web.zoom.us/j/930620518?pwd=1v6iFoDX83o</a> Meeting ID: 930 620 518 Password: 023173 2. <a href="https://new.edmodo.com/groups/g-section-">https://new.edmodo.com/groups/g-section-</a>

**Department of Mechanical Engineering**

				2. Quiz and video upload			eme-31180118
6	2 <sup>nd</sup>	18EGDL25	Mr RAMANUJA C M	1. Quiz 2. Projection of Planes	1. Quiz 2. Video	1. Edmodo 2. Zoom	1. <a href="https://new.edmodo.com/post/734353162">https://new.edmodo.com/post/734353162</a> 2. <a href="https://us04web.zoom.us/j/8942620037?pwd=ZgEoY0nKc4U">https://us04web.zoom.us/j/8942620037?pwd=ZgEoY0nKc4U</a> Meeting ID: 894 262 0037
	2 <sup>nd</sup>	18EGDL25		1. Quiz 2. Discussion on Geometric Modeling	1. Quiz 2. Video	1. Edmodo 2. Zoom	1. <a href="https://new.edmodo.com/post/730603276">https://new.edmodo.com/post/730603276</a> <a href="https://us04web.zoom.us/j/8942620037?pwd=ZgEoY0nKc4U">https://us04web.zoom.us/j/8942620037?pwd=ZgEoY0nKc4U</a> Meeting ID: 894 262 0037
7	6 <sup>th</sup>		Dr CHETHAN S	1. Aptitude test on Percentages 2. E -Quiz on Design of Machine Elements		Google forms	<a href="https://forms.gle/TDjtdairyQT8SfC9">https://forms.gle/TDjtdairyQT8SfC9</a> <a href="https://forms.gle/o5VJxrBnG2zFrDcPA">https://forms.gle/o5VJxrBnG2zFrDcPA</a>
8	8 <sup>th</sup>	15ME81	Dr MD NADEEM M		1. GAME THEORY-Module-5, Chapter 1- Part 5 - Problems on Mixed strategy-Game without saddle point 2.	<a href="https://classroom.google.com/c/NTUwNDAYMDQwMjFa/a/OTg5NTU3OTYzNDla/details">https://classroom.google.com/c/NTUwNDAYMDQwMjFa/a/OTg5NTU3OTYzNDla/details</a>	Google Classroom
9	8 <sup>th</sup>	15ME81	Mr YATHISHAN	Module-2-Transportation and Assignment.Modu	<a href="https://classroom.google.com/c/NTUwNDAYMD">https://classroom.google.com/c/NTUwNDAYMD</a>	Google Classroom	<a href="https://drive.google.com/folderview?id=0Bzf7dwuPN3O0flZETnpjckJKdXdjRlJFYTFDWHlpcUVKaTN0REh5alluS1ZLUjF4YVVRMaXM.http://drive.google.com/folderview?id=0Bzf7dwuP">https://drive.google.com/folderview?id=0Bzf7dwuPN3O0flZETnpjckJKdXdjRlJFYTFDWHlpcUVKaTN0REh5alluS1ZLUjF4YVVRMaXM.http://drive.google.com/folderview?id=0Bzf7dwuP</a>





**Department of Mechanical Engineering**

				le-5 Sequencing. 4th Sem KOM- 4modules	<u>QwMjFa/a/</u> <u>OTg5NTU3</u> <u>OTYzNDla/</u> <u>details</u>		<a href="https://www.edmodo.com/post/719835091">N3O0fnJSQ0ZIRjcteWpBaURXLUUp4YjNZR25</a> <a href="https://www.edmodo.com/groups/8-a-32089122">zdXFhQVpnUEJKcEhiQzkzMjJ5cDA.</a>
10	4 <sup>th</sup> Semester	FLUID MECHANICS (18ME43)	Dr MANJUNATHA H S	1.Properties of fluids and 1.Manometers	Topics coverd as per syllabus	EDMODO and Google drive	<a href="https://new.edmodo.com/post/719835091">https://new.edmodo.com/post/719835091</a> <a href="https://new.edmodo.com/groups/8-a-32089122">https://new.edmodo.com/groups/8-a-32089122</a> <a href="https://drive.google.com/file/d/1-H6SrI0gz3O_z67f_gX82LROQ-dZQrWa/view?usp=sharing">https://drive.google.com/file/d/1-H6SrI0gz3O_z67f_gX82LROQ-dZQrWa/view?usp=sharing</a>
11	6 <sup>th</sup>		Mr RAVIKUMAR S	Forced Convection and free convection		Digital recorded class shared in google drive	<a href="https://drive.google.com/open?id=1jICUOJZA4PwqluibwgJ--9aHjIC_9WaO">https://drive.google.com/open?id=1jICUOJZA4</a> <a href="https://drive.google.com/open?id=1CpqrtiNQ_ENgqYV_z-euA5bJx7ADe9dJ">PwqluibwgJ--9aHjIC_9WaO</a> <a href="https://drive.google.com/open?id=1CpqrtiNQ_ENgqYV_z-euA5bJx7ADe9dJ">https://drive.google.com/open?id=1CpqrtiNQ_E</a> <a href="https://drive.google.com/open?id=1CpqrtiNQ_ENgqYV_z-euA5bJx7ADe9dJ">NgqYV_z-euA5bJx7ADe9dJ</a>

**HOD**



**YouTube**

## YouTube Screenshot



YouTube

Search

UNIVERSAL GOVERNOR

4:23 / 8:03

Governor Experiment Demonstration

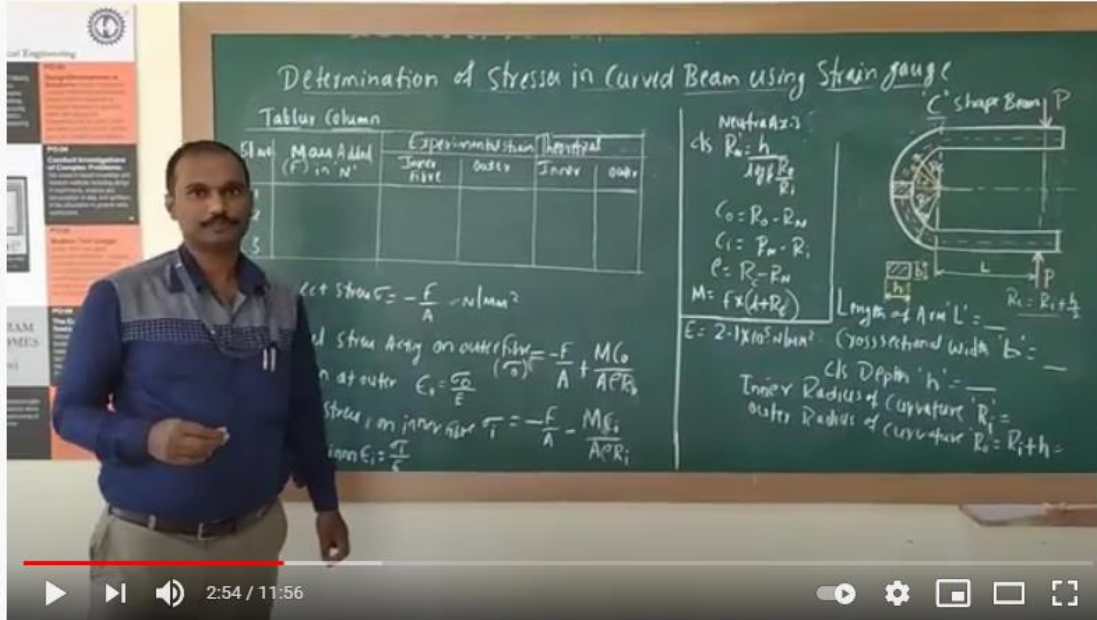
6,452 views • Sep 6, 2019

75 4 SHARE SAVE

<https://www.youtube.com/watch?v=MthKIqbOUuo>

**Department of Mechanical Engineering**

YouTube



**Determination of Stress in Curved Beam using Strain gauge**

Table Column

Sl no	Mass Added (F) in 'N'	Experimental strain		Theoretical	
		Inner fibre	Outer	Inner	Outer

$\text{Act stress} = -\frac{F}{A} - n/m^2$   
 $\text{Stress acting on outer fibre} = -\frac{F}{A} + \frac{M C_o}{A R_o^2}$   
 $\text{Stress at outer} \epsilon_o = \frac{\sigma_o}{E}$   
 $\text{Stress on inner fibre} \sigma_i = -\frac{F}{A} - \frac{M \epsilon_i}{A R_i}$   
 $\text{Inner } \epsilon_i = \frac{\sigma_i}{E}$

Neutral Axis:  $R_n = \frac{h}{\int \frac{y^2}{R_i} dy}$   
 $C_o = R_o - R_n$   
 $C_i = R_n - R_i$   
 $e = R_o - R_n$   
 $M = F \times (L + R_e)$   
 $E = 2.1 \times 10^5 \text{ N/mm}^2$

'C' shape Beam P  
 Length of Arm 'L' =  $R_o - R_i + \frac{h}{2}$   
 Cross section width 'b' =  $h$   
 Chk Depth 'h' =  $h$   
 Inner Radius of curvature 'R<sub>i</sub>' =  $R_i$   
 Outer Radius of curvature 'R<sub>o</sub>' =  $R_i + h$

ATME COLLEGE OF ENGINEERING  
Experiment on Curved beam  
903 views • Mar 12, 2020

<https://www.youtube.com/watch?v=9uQ0OeuPzKI>



HOD



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**Laboratory Videos Link:**

Semester	Lab	Course Coordinator	Experiment Name	Platform	Link
7th	Design Lab	Mr Suresh Kumar S	Governor	Youtube	<a href="https://youtu.be/MthKIqbOUuo">https://youtu.be/MthKIqbOUuo</a>
			Torsional Vibration	Youtube	<a href="https://youtu.be/-zqST_jskVc">https://youtu.be/-zqST_jskVc</a>
			Spring Mass system	Youtube	<a href="https://youtu.be/5ULZ1zjHTIU">https://youtu.be/5ULZ1zjHTIU</a>
5th	FM lab	Dr. Manjunath H S	Two stage air Compressor	Youtube	<a href="https://youtu.be/4RoR4jK-ilA">https://youtu.be/4RoR4jK-ilA</a>
			Venturimeter	Youtube	<a href="https://youtu.be/XQBz22HAqk0">https://youtu.be/XQBz22HAqk0</a>
			Pelton Wheel	Youtube	<a href="https://youtu.be/ELFujnT0aT8">https://youtu.be/ELFujnT0aT8</a>
5 <sup>th</sup>	EC lab	Raghu	4 STROKE DIESEL ENGINE	Youtube	<a href="https://youtu.be/erXsJW9-clU">https://youtu.be/erXsJW9-clU</a>
			BOYS GAS Calorimeter Experiment	Youtube	<a href="https://youtu.be/1_Jw6XUScvo">https://youtu.be/1_Jw6XUScvo</a>
3 <sup>rd</sup>	BMT	Karthik Kumar M	Experiment on Rockwell Hardness	Youtube	<a href="https://youtu.be/ruLHbGtycho">https://youtu.be/ruLHbGtycho</a>
			Hardness test	Youtube	<a href="https://youtu.be/WMRcK9miefA">https://youtu.be/WMRcK9miefA</a>
3 <sup>rd</sup>	Workshop and machine Practice	Thejkumar J	Taper Turning Knurling Machining	Youtube	<a href="https://youtu.be/3c9272O9zig">https://youtu.be/3c9272O9zig</a>

HOD



# Virtual Labs

Webinar flyer:

#COVID19 #BHARAT PADE ONLINE

 **Virtual Labs**  
An MHRD Govt of India Initiative

 **Saturday 20-06-2020**

 **11.00 A.M – 12.30 P.M**  
**EC, CS & EEE**

**2.00 P.M – 3.30 P.M**  
**ME & CV**

 **LIVE WEBINAR**

*Exclusively for*

 **A T M E**  
College of Engineering

*For registration* 

scan the QR code or  
use the URL  
<https://forms.gle/rzbC1Stq9UJekDzV8>







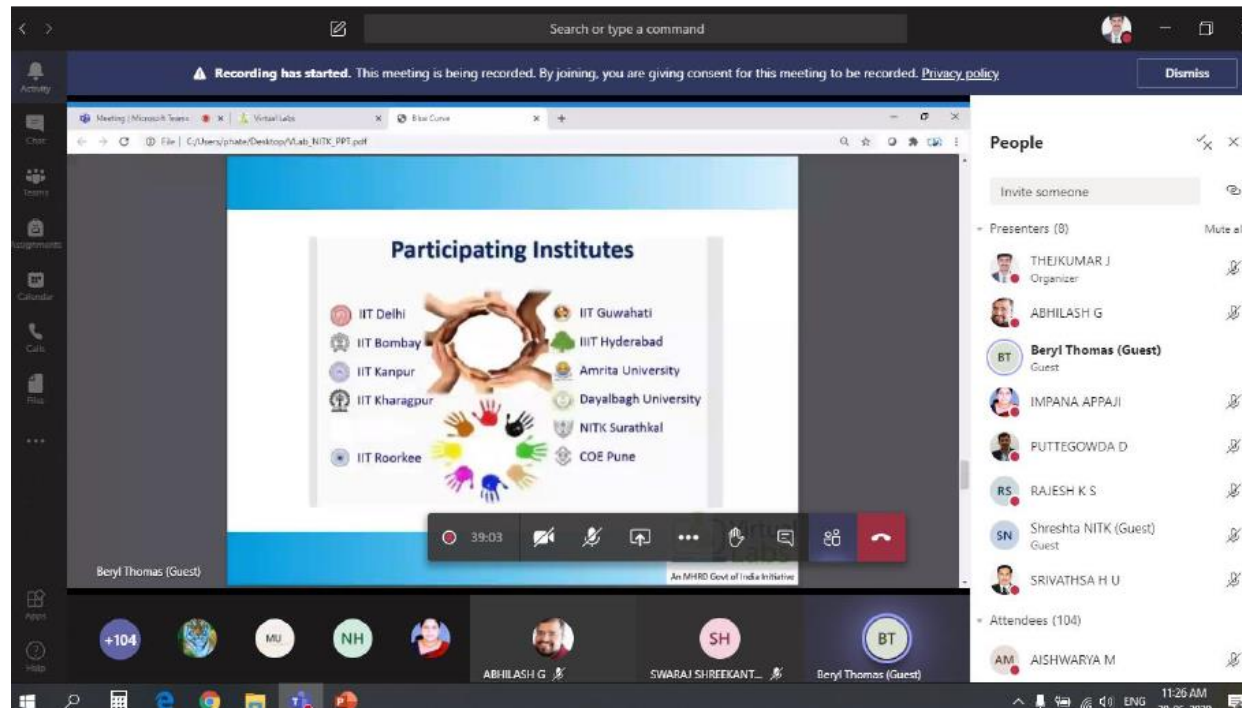
HOD

## Department of Mechanical Engineering

### Objective:

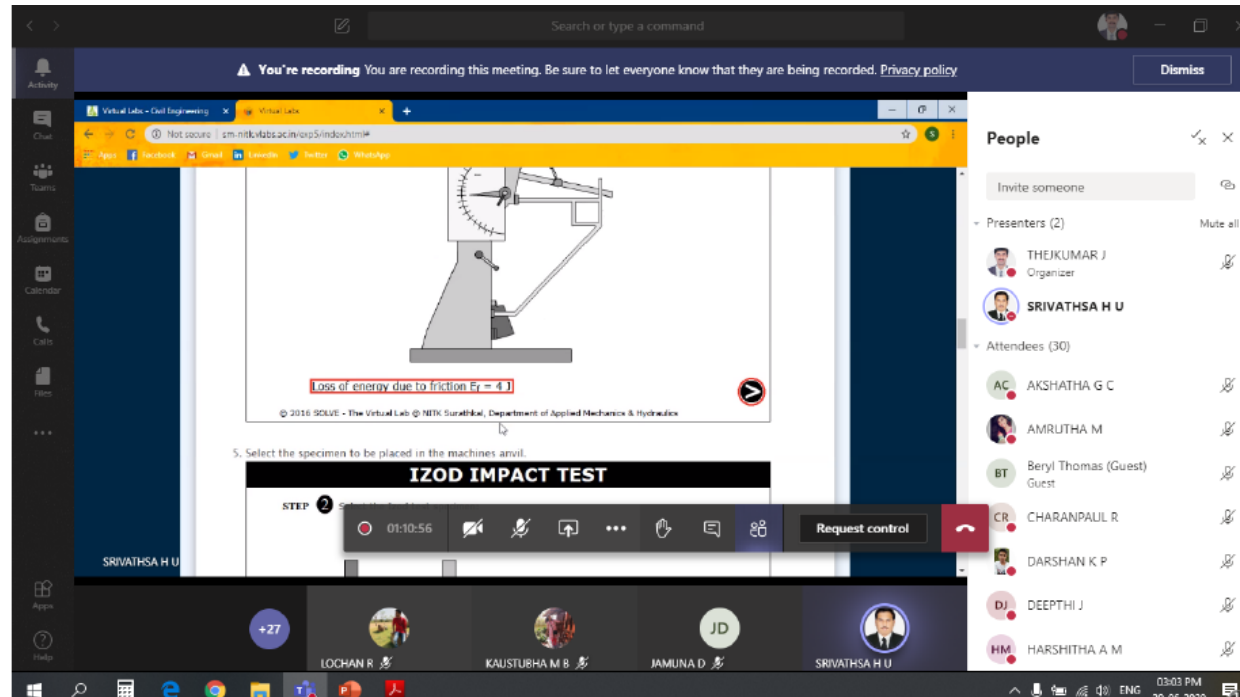
- To engage the students in the academics and bringing awareness about the Virtual labs.
- To educate the students about the virtual labs platform and guide them in conducting online experiments by using V-labs.

### Screen Shots:





## Department of Mechanical Engineering



The screenshot displays a Microsoft Stream recording interface. The central video player shows a technical diagram of an IZOD impact test machine. A red box highlights the text "Loss of energy due to friction  $F_r = 4 \text{ J}$ ". Below the diagram, the text reads "© 2016 SOUVE - The Virtual Lab @ NITK Surathkal, Department of Applied Mechanics & Hydrodynamics". The video player controls at the bottom show a timestamp of 01:10:56 and a "Request control" button. On the right side, a "People" panel lists participants, including presenters THEJKUMAR J (Organizer) and SRIVATHSA H U, and attendees such as AKSHATHA G C, AMRUTHA M, Beryl Thomas (Guest), CHARANPAUL R, DARSHAN K P, DEEPTHI J, and HARSHITHA A M. The interface also shows a "You're recording" notification at the top.

**Video link of the webinar (Microsoft Stream):**

Session 1 Link: <https://web.microsoftstream.com/video/1e4ce896-85bd-4e1d-9167-547a762e3645>

Session 2 Link: <https://web.microsoftstream.com/video/f53c81ec-44d3-48f0-b592-954f216a5009>



**HOD**



# Assessment



# **Student Response System**

## Department of Mechanical Engineering

ICLOUD is a Licensed Student Response System used to evaluate student learning evaluation process.


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

Sample Response screenshot is shown below:

### Interactive Classroom Teaching (ICT)



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



**HOD**

## Department of Mechanical Engineering

Session Name: Current Session

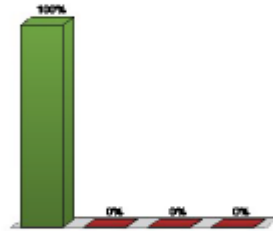
Date Created: 10-10-2019 12:24:27 PM  
Average Score: 71.84%

Active Participants: 58 of 64  
Questions: 15

### Results by Question

1.1) Which of the following is/are characteristic(s) of mechatronic products and systems? (Multiple Choice)

	Responses	
	Percent	Count
Functional interaction between mechanical, electronic, electrical and information technologies (c)	100%	58
Spatial interaction of subsystems in one physical unit	0%	0
Intelligence related to the control functions of the mechatronics system	0%	0
None of the above	0%	0
<b>Totals</b>	<b>100%</b>	<b>58</b>



Question Statistics	
Mean	1.00
Median	1.00
Variance	0.00
Standard Deviation	0.00

Session Name: 10-10-2019 01.09 PM

Date Created: 10-Oct-19 12:24:27 PM  
Average Score: 71.84%

Active Participants: 58 of 64  
Questions: 15

### Results Detail

Device ID	First Name	User ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
<b>Answer Key</b>			A	A	A	B	C	D	A	A	A	A	C	B
E28B15	ANDREW ANTHONY MDKHL	4AD15ME010	A	A	A	B	D	D	A	A	A	A	C	B
E2C050	ASHWIN NARAYAN HOLNARASIPUR	4AD15ME012	A	A	B	B	C	D	A	B	A	A	B	B
E3493C	DHANUSH S K	4AD15ME018	A	A	A	B	D	D	A	A	A	A	C	B
E34847	ADITHYA RAGHAVENDRA RAO BHARADWAJ	4AD15ME070	A	A	A	A	D	D	A	B	D	A	B	B
E2D45C	MANISH SRINATH	4AD15ME083	A	A	A	B	D	D	A	A	A	A	C	B
E28FAB	SEFIN SEBASTIAN	4AD15ME088	A	A	A	B	D	D	A	A	A	A	C	B
E2C073	SUJITH SHIVA PRAKASH	4AD15ME094	A	A	A	B	D	D	A	A	A	A	C	B
E34860	STANLEY ALMO SURESH	4AD15ME101	A	A	A	B	D	D	A	A	A	A	C	B
E2D4C9	NITHIN GOWDA C	4AD16ME051	A	A	B	B	D	D	A	A	A	A	C	B
E28ADD	PRABHUVeerAGO WDA K N	4AD16ME052	A	A	B	B	C	D	A	B	A	A	A	A
E28A7D	PRAJWAL KUMAR M	4AD16ME053	A	A	B	B	D	D	A	A	A	A	C	B
E347DC	PRAJWAL V	4AD16ME054	A	A	B	B	D	D	A	A	A	A	B	B
E34937	PRASHANTH B	4AD16ME055	A	A	B	C	C	D	A	B	A	A	B	B
E28F24	PRAVEEN R	4AD16ME056	A	A	B	B	D	D	A	A	A	A	A	A
E28B52	PUNITH R	4AD16ME058	A	A	B	C	C	D	A	B	A	A	B	B
E28A6E	RAGHAVENDRA N	4AD16ME060	A	A	C	D	C	D	B	A	A	A	A	B
E28F28	RAJASHEKAR M	4AD16ME061	A	A	B	B	D	D	A	A	A	A	A	B
E28B03	RAKESH R	4AD16ME063	A	A	A	B	C	D	A	A	A	A	A	B
E28B61	RAKSHITH M B	4AD16ME064	A	A	B	C	C	D	A	B	A	A	B	B



**Department of Mechanical Engineering**

10-10-2019

Session Name: 10-10-2019 01.09 PM

Date Created: 10-Oct-19 12:24:27 PM

Active Participants: 58 of 64

Average Score: 71.84%

Questions: 15

**Results by Participant**

Name: ANDREW ANTHONY MIKHIL

User Id: 4AD15ME010

Total Points: 13.00

Responding Device: E2BB15

Score: 86.67%

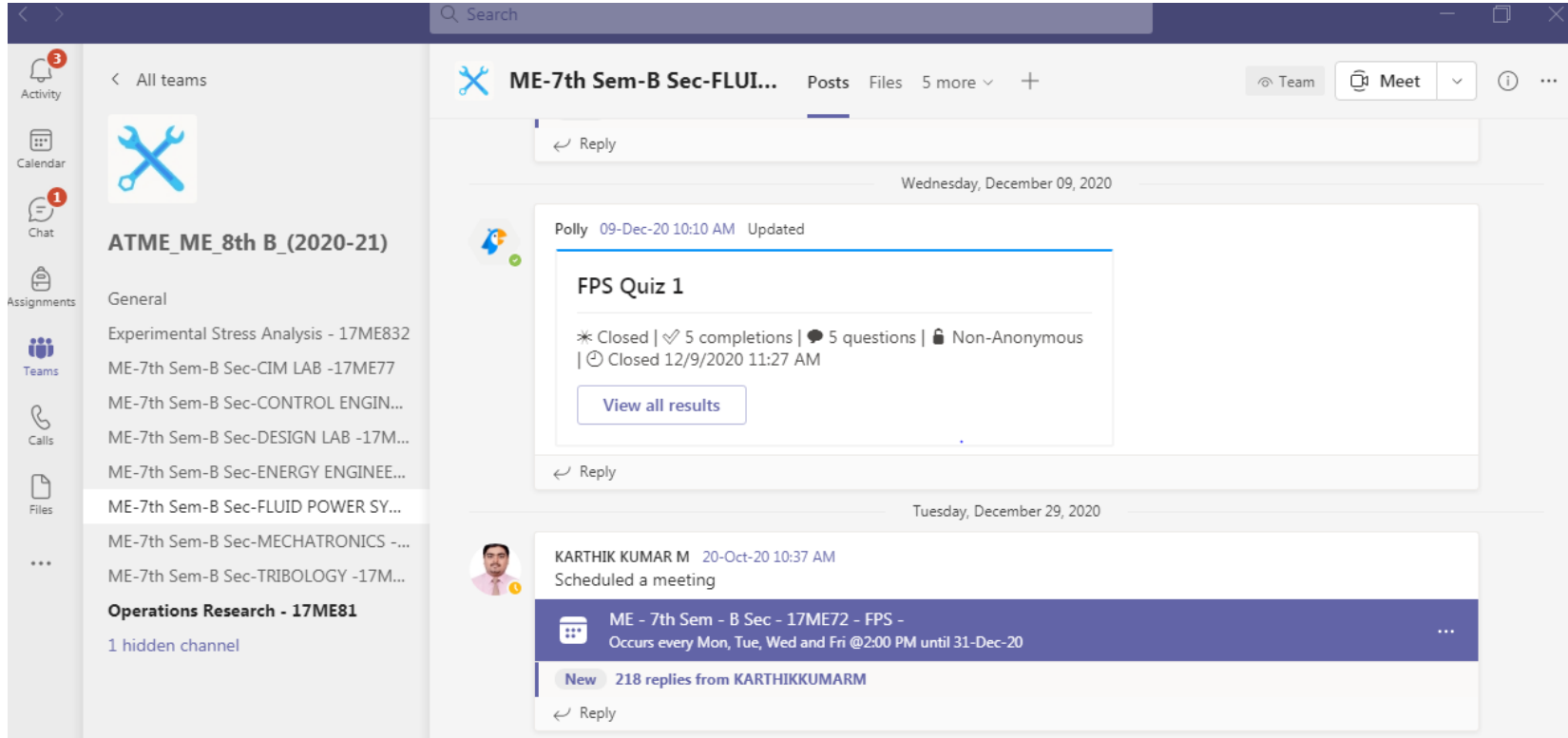
Question	Response	Correct Answer	Response History	Response Time
1. 1) Which of the following is/are characteristic/s of mechatronic products and systems?	A. Functional interaction between mechanical, electronic, electrical and information technologies (c)	A. Functional interaction between mechanical, electronic, electrical and information technologies	A	16.343 s
2. 2) Life cycle approach begins after the product realisation, which may bring customer dissatisfaction and losing the market for product.	A. Traditional design approach (c)	A. Traditional design approach	A	30.816 s
3. 3) Electrically controlled fluid valves & relays are examples of	A. Primary level mechatronics (c)	A. Primary level mechatronics	A	55.269 s
4. 4) This level introduces microelectronics into electrically controlled devices	B. Secondary level mechatronics (c)	B. Secondary level mechatronics	B	28.733 s
5. 5) Mechatronics at this level is called Smart system	D. Fourth level mechatronics (s)	C. Third level mechatronics	D	47.739 s
6. 6) Mechatronics includes	D. All of the above (c)	D. All of the above	D	57.864 s
7. 7) A device which transforms one form of physical phenomenon to another form for various purposes is	A. A Transducer (c)	A. A Transducer	A	14.938 s
8. 8) Thermocouple is an example of	A. A Primary Transducer (c)	A. A Primary Transducer	A	15.000 s

**HOD**



## **MS Team Form Quiz**

## Screen Shots:



The screenshot shows a Microsoft Teams chat window for a team named "ME-7th Sem-B Sec-FLUI...". The left sidebar shows the team's channels, including "ATME\_ME\_8th B\_(2020-21)" and "Operations Research - 17ME81".

The main chat area displays a message from Polly dated 09-Dec-20 10:10 AM, titled "FPS Quiz 1". The message content is as follows:

**FPS Quiz 1**

\* Closed | ✓ 5 completions | 🗨 5 questions | 🔒 Non-Anonymous  
| 🕒 Closed 12/9/2020 11:27 AM

A "View all results" button is visible below the quiz details.

Below the quiz message, a meeting scheduled by KARTHIK KUMAR M on 20-Oct-20 10:37 AM is shown. The meeting details are:

**ME - 7th Sem - B Sec - 17ME72 - FPS -**  
Occurs every Mon, Tue, Wed and Fri @2:00 PM until 31-Dec-20

A notification indicates "New 218 replies from KARTHIKKUMARM".



**Department of Mechanical Engineering**

**Responses:**

		Ответ 1	Ответ 2	Ответ 3	Ответ 4	Ответ 1	Ответ 2	Ответ 3	Ответ 4	
		Количество правильных ответов	Generation of Power	Control of Power	Transmission of Power	All of the above	To control oil flow direction	To control operating pressure	To control oil flow rate	All the above
Псевдоним	Город									
mlrajathkumar		16				✓				✓
4AD17ME068 - Sanju Joel		16				✓				✓
4AD16ME047-Mukesh Prasad R		15				✓				✓
4ad17me078 vinay cs		15				✓				✓
mlrajathkumar		16				✓				✓
4AD17ME068 - Sanju Joel		16				✓				✓
4AD16ME047-Mukesh Prasad R		15				✓				✓
4ad17me078 vinay cs		15				✓				✓
4AD18ME419-Manoj.E		14				✓				✓
4AD17ME077 - Varun		14				✓				✓
4AD17ME060-PREETHAM K		14				✓				✓
4AD17ME051/Paneesh JS		14				✓			✗	✓
Santhosh kumar 4AD17ME069		14				✓				✓
pdranjan1412		14				✓				✓
4AD18ME441: Vikram.S.P		13				✓				✓
PRAMOD GOWDA B S		13				✓				✓
4AD17ME050 NISHA		13				✓	✗			✓
mohammedikram7864		13				✓			✗	✓
Sakhib 4ad17me065		13				✓				✓
Syed siddiq 4ad17me076		13				✓				✓
4AD17ME067_SANJAY R		12				✓				✓
4AD17ME052 pavan s		12				✓				✓
Mansi		11				✓				✓
Vivek		11				✓				✓
4AD17ME083- Yogesh k		10				✓				✓
Udaykumar		10					✗			✓



**HOD**



## **Additional Learning ICT Resources**

1. VTU EDUSAT Classroom
2. Digital Library
3. Study Materials
4. CERP
5. Flipped Classroom



**A T M E**  
College of Engineering

**Department of Mechanical Engineering**



**VTU EDUSAT Classroom**

## Department of Mechanical Engineering

Facility is provided for all students to access NPTEL Video through Digital Library. EDUSAT Videos are played for student learning purpose.

### NPTEL/EDUSAT Video Lecture Session



Students listening to the video lecture session on Heat and mass Transfer



HOD



# Digital Library



**Department of Mechanical Engineering**

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-visuials, 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	<a href="http://ieeexplore.ieee.org/">http://ieeexplore.ieee.org/</a>
2	Science Direct	<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
3	Springer (E-Journals & E-Books)	<a href="http://link.springer.com/">http://link.springer.com/</a>
4	NPTEL online videos	<a href="http://www.nptelvideos.com/">http://www.nptelvideos.com/</a>
5	ProQuest	<a href="http://search.proquest.com/">http://search.proquest.com/</a>

## Department of Mechanical Engineering

### 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 NDLP 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.



The screenshot displays the homepage of the National Digital Library of India. At the top, there is a navigation bar with 'Browse', 'Search', 'NDLP Club', 'Language', and 'Log-In' options. The main header features the logo of the National Digital Library of India, the text 'National Digital Library of India', and the slogan 'One Library All of India'. Below this is a search bar with the text 'Search over 71,002,171 resources' and a language dropdown set to 'English'. The page is divided into three main sections: 'STUDY AT HOME' with buttons for School, CBSE Examinations Preparatory, Engineering, Science, Humanities, Literature, and Law & Management; 'COVID-19 RESEARCH REPOSITORY' with buttons for Scholarly Publications, Data Sets, Documents & Videos, Journals & Conferences, Ideas & Funding, and Challenges & Startup; and 'FEATURED COLLECTIONS' with buttons for Birth Centenary of Satyajit Ray, On this Day, Person of the Week: Sigmund Freud, Topic of the Week: Top 10 Movies Of All T..., and Talks & Webinars.



## Department of Mechanical Engineering

### 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](#)



*DSpace at My University*

DSpace is Live

Welcome to our digital repository of My University research!

More exciting news to appear here.



**HOD**





# ATME College of Engineering

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



Username

Password



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

HOD



# Study Materials



**Department of Mechanical Engineering**

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

**Resources available in college Website**

Web Link – <http://atme.in/mechanical/resourses-mechanical-department/>

**Mech**

About The Department

Infrastructure

Faculty Details

Student Learning

Centric

Achievements

Research Initiative

Industry Interface

Placement

Co curricular & Extra

Curricular activities

Teachers Teaching

Analysis

Counselling module

E News Letter

Academic Year - 2020-2021

Course Details & Content									
3rd Semester									
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme	
1	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Ms.Banupriya J (A) / Mr.Sudhakar N (B)	CLICK	CLICK	CLICK	CLICK	CLICK	
2	18ME32	Mechanics of Materials	Mr. Yashwanth N (A) / Mr. Suresh Kumar S (B)	CLICK	CLICK	CLICK	CLICK	CLICK	
3	18ME33	Basic Thermodynamics	Mr. Pavan Kumar K P (A) / Mr. Ravikumar S (B)	CLICK	CLICK	CLICK	CLICK	CLICK	
4	18ME34	Material Science	Mr. Devaraj M R (A) / Mr. Deepak MVS (B)	CLICK	CLICK	CLICK	CLICK	CLICK	
5	18ME35A	Metal cutting and forming	Mr. Niranjan Kumar V S (A)	CLICK	CLICK	CLICK	CLICK	CLICK	
6	18ME35B	Metal Casting and Welding	Dr. Chethan S (B)	CLICK	CLICK	CLICK	CLICK	CLICK	
7	18ME36A	Computer Aided Machine Drawing	Mr. Rohith S (A)	CLICK	CLICK	CLICK	CLICK	CLICK	
8	18ME36B	Mechanical Measurements and Metrology	Mr. Ramanuja C M (B)	CLICK	CLICK	CLICK	CLICK	CLICK	
9	18MEL37A	Material Testing Lab	Mr. Yathisha N & Mr. Karthik Kumar M	CLICK	CLICK	CLICK	CLICK	CLICK	
10	18MEL37B	Mechanical Measurements and Metrology lab	Dr. Chethan S	CLICK	CLICK	CLICK	CLICK	CLICK	
11	18MEL38A	Workshop and Machine Shop Practice (Consists of Fitting, and Machining)	Mr Niranjan Kumar V S & Mr.Thej Kumar J	CLICK	CLICK	CLICK	CLICK	CLICK	
12	18MEL38B	Foundry,Forging and Welding lab	Mr. Devaraj MR & Mr. Niranjan Kumar V S	CLICK	CLICK	CLICK	CLICK	CLICK	



**Department of Mechanical Engineering**

5th-SEMESTER COURSES								
Sl. No.	Subject/Lab Code	Subject/ Lab Name	Course Coordinator	CM	LP	NOTES / HANDOUT / LABMANUAL	PPT	IA Scheme
1	18ME51	Management and Economics	Mr. Ramanuja C M (A) / Mr. Niranjan Kumar V S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
2	18ME52	Design of Machine Elements I	Dr. Srinivasa K (A) / Mr. Rohith S (B)	CLICK	CLICK	CLICK	CLICK	CLICK
3	18ME53	Dynamics of Machines	Mr. Suresh Kumar S (A) / Mr. Yathisha N (B)	CLICK	CLICK	CLICK	CLICK	CLICK
4	18ME54	Turbo Machines	Dr. M S Govinde Gowda (A) / Mr. Raghu (B)	CLICK	CLICK	CLICK	CLICK	CLICK
5	18ME55	Fluid Power Engineering	Mr. Raghu (A) / Mr. Pavan Kumar K P (B)	CLICK	CLICK	CLICK	CLICK	CLICK
6	18ME56	Operations Management	Dr. Chethan S (A) / Dr. Rathnakar G (B)	CLICK	CLICK	CLICK	CLICK	CLICK
7	18MEL57	Fluid Mechanics/Machines lab	Mr. Ravi Kumar S / Mr. Pavan Kumar K P / Dr Manjunath H S / Mr. Yashwanth N / Mr. Niranjan Kumar V S / Mr. Raghu / Dr. Chethan S	CLICK	CLICK	CLICK	CLICK	CLICK
8	18MEL58	Energy Conversion Lab	Mr. Pavan Kumar K P / Mr. Raghu / Mr. Suresh Kumar S / Mr. Ravi Kumar S / Dr. MD Nadeem M	CLICK	CLICK	CLICK	CLICK	CLICK
9	18CIV59	Environmental Studies		CLICK	CLICK	CLICK	CLICK	CLICK



**Department of Mechanical Engineering**

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**



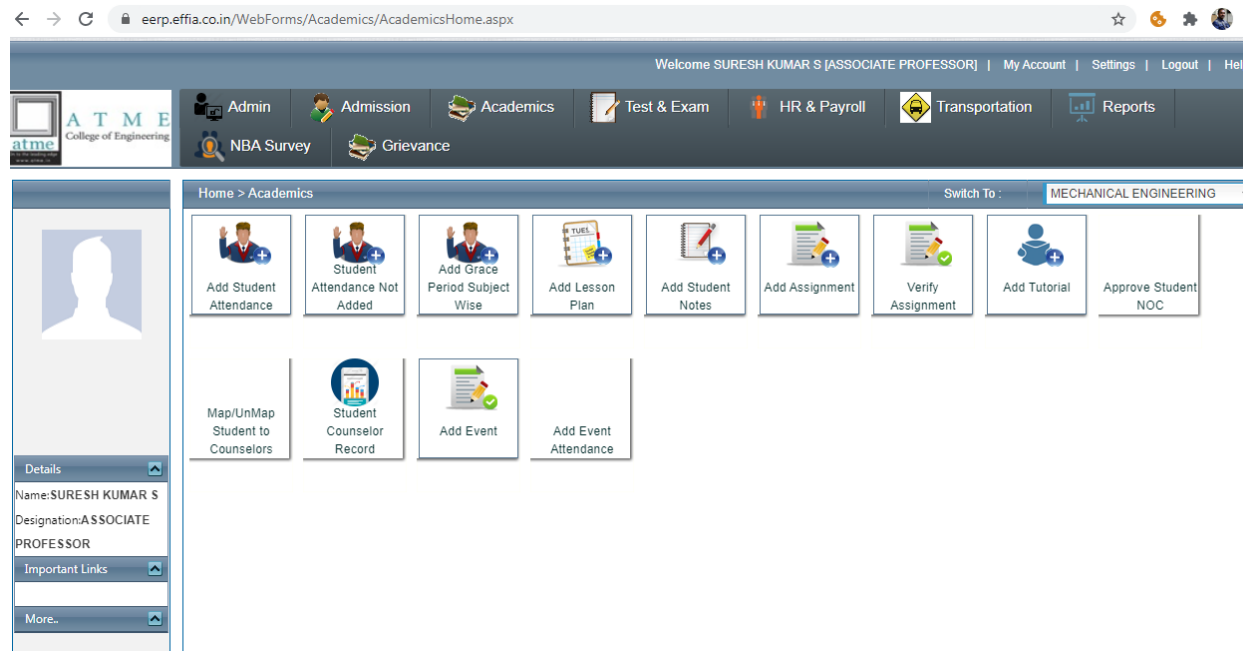
**CERP**

**Department of Mechanical Engineering**

**Student Learning Resources**

**College Enterprise Resource Planning (CERP)**

1. Notes and PPT
2. CERP Link : <https://eerp.effia.co.in/WebForms/Academics/FrmAddStudentNotes.aspx>



The screenshot shows a web browser window with the URL [eerp.effia.co.in/WebForms/Academics/AcademicsHome.aspx](https://eerp.effia.co.in/WebForms/Academics/AcademicsHome.aspx). The page displays a user profile for SURESH KUMAR S, ASSOCIATE PROFESSOR, and a dashboard with various academic management tools. The dashboard includes a navigation menu with options like Admin, Admission, Academics, Test & Exam, HR & Payroll, Transportation, and Reports. The main content area features a grid of buttons for tasks such as Add Student Attendance, Student Attendance Not Added, Add Grace Period Subject Wise, Add Lesson Plan, Add Student Notes, Add Assignment, Verify Assignment, Add Tutorial, Approve Student NOC, Map/UnMap Student to Counselors, Student Counselor Record, Add Event, and Add Event Attendance. A sidebar on the left provides user details and important links.



**Department of Mechanical Engineering**

← → ↻ eerp.effia.co.in/WebForms/Academics/FrmAddStudentNotes.aspx ☆ ⚙ ⚙ ⚙ ⚙

Welcome SURESH KUMAR S [ASSOCIATE PROFESSOR] | My Account | Settings | Logout | Help

Admin
 Admission
 Academics
 Test & Exam
 HR & Payroll
 Transportation
 Reports

NBA Survey
 Grievance

Home > Academics > Add Student Notes Switch To : MECHANICAL ENGINEERING

View Student Notes +

Notes Title	Subject Name	Semester	Department Name	Is Active
Testing	KINEMATICS OF MACHINERY(17ME42)	4	MECHANICAL ENGINEERING	Yes
1 module	KINEMATICS OF MACHINERY(17ME42)	4	MECHANICAL ENGINEERING	Yes
1	KINEMATICS OF MACHINERY(17ME42)	4	MECHANICAL ENGINEERING	Yes

[Back](#)

Details ▲

Name: SURESH KUMAR S

Designation: ASSOCIATE PROFESSOR

Important Links ▲

More... ▲

**HOD**





# Flipped Classroom



**Department of Mechanical Engineering**

**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).

Welcome SURESH KUMAR S [ASSOCIATE PROFESSOR] | My Account | Settings | Logout | Help

Admin | Admission | Academics | Test & Exam | HR & Payroll | Transportation | Reports

NBA Survey | Grievance | NAAC Survey

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

Email Details Report

Role	Subject	EmailDate	Recipients
STUDENT	<a href="#">To attend classes</a>	30-07-2019 00:00:00	38
STUDENT	<a href="#">sks-17me52-Email-2</a>	01-08-2019 00:00:00	38
STUDENT	<a href="#">SKS-3-17ME52</a>	05-08-2019 00:00:00	38
STUDENT	<a href="#">SKS-4 unit test</a>	31-08-2019 00:00:00	54
STUDENT	<a href="#">SKS-1</a>	01-10-2019 00:00:00	42
STUDENT	<a href="#">SKS-5</a>	01-10-2019 00:00:00	45
STUDENT	<a href="#">SKS-2</a>	04-10-2019 00:00:00	42
STUDENT	<a href="#">SKS 8</a>	14-10-2019 00:00:00	45
STUDENT	<a href="#">SKS-17ME61-1</a>	10-02-2020 00:00:00	46
STUDENT	<a href="#">SKS-18ME44-1</a>	10-02-2020 00:00:00	37
STUDENT	<a href="#">SKS-17ME61-2</a>	11-02-2020 00:00:00	46
STUDENT	<a href="#">SKS-2</a>	11-02-2020 00:00:00	83
STUDENT	<a href="#">SKS17ME61-5</a>	20-02-2020 00:00:00	46
STUDENT	<a href="#">Class Regarding</a>	01-04-2020 00:00:00	37



**Department of Mechanical Engineering**

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Email Details Report

Email Subject and Body Details

EmailSubject	HOD	Email Body
<input type="text"/>	<input type="text"/>	
sks-17me52-Email-2		Dear students, Tomorrow i will teach Static force analysis of single slider mechanism. Attend class without fail.

Email Recipients Details

**HOD**



## **Number of teachers using ICT**

### Number of teachers using ICT

**AY:2020-2021**

Sl. No	Name	Designation	ICT Resource Utilized	
			Yes	No
1	Mahesh Lohith K S	Associate Professor & Head	✓	
2	Ramachandra M N	Asstt. Professor	✓	
3	Rani	Asstt. Professor	✓	
4	Mohammed Eliyas	Associate Professor & Head	✓	
5	Avinash K	Asstt. Professor	✓	
6	Kirankumar P	Asstt. Professor	✓	
7	Sudhakar N	Asstt. Professor & Head	✓	
8	Madhusudhan K V	Asstt. Professor	✓	
9	Priyanka N B	Asstt. Professor	✓	
10	Divya K	Asstt. Professor	✓	
11	Soumya K	Asstt. Professor	✓	
12	Bhanupriya J	Asstt. Professor	✓	
13	Bharathi R	Other	✓	
14	Chandrashekar C	Lecturer	✓	

**Principal**

### Number of teachers using ICT

**AY:2019-2020**

Sl. No	Name	Designation	ICT Resource Utilized	
			Yes	No
1	Mahesh Lohith K S	Associate Professor & Head	✓	
2	Ramachandra M N	Asstt. Professor	✓	
3	Nandan P	Asstt. Professor	✓	
4	Rani	Asstt. Professor	✓	
5	Mohammed Eliyas	Associate Professor & Head	✓	
6	Avinash K	Asstt. Professor	✓	
7	Kirankumar P	Asstt. Professor	✓	
8	Sudhakar N	Asstt. Professor & Head	✓	
9	Madhusudhan K V	Asstt. Professor	✓	
10	Priyanka N B	Asstt. Professor	✓	
11	Divya K	Asstt. Professor	✓	
12	Soumya K	Asstt. Professor	✓	
13	Bhanupriya J	Asstt. Professor	✓	
14	Bharathi R	Other	✓	
15	Nandeesha K G	Other		NA
16	Chandrashekar C	Lecturer	✓	

**Principal**



### Number of teachers using ICT

**AY:2018-2019**

Sl. No	Name	Designation	ICT Resource Utilized	
			Yes	No
1	Ramachandra M N	Assistant Professor	✓	
2	Nandan P	Assistant Professor	✓	
3	Mahesh Lohith K S	Associate Professor & Head	✓	
4	Rani	Assistant Professor	✓	
5	Mohammed Eliyas	Associate Professor & Head	✓	
6	Avinash K	Assistant Professor	✓	
7	Kirankumar P	Assistant Professor	✓	
8	Sudhakar N	Assistant Professor & Head	✓	
9	Madhusudhan K V	Assistant Professor	✓	
10	Priyanka N B	Assistant Professor	✓	
11	Divya K	Assistant Professor		✓
12	Kavya S	Assistant Professor	✓	
13	Gopala B	Assistant Professor	✓	
14	Bharathi R	Lecturer	✓	
15	Chandrashekar C	Lecturer	✓	
16	Nandeesh K G	Lecturer		NA

**Principal**

### Number of teachers using ICT

**AY:2017-2018**

Sl. No	Name	Designation	ICT Resource Utilized	
			Yes	No
1	Ramachandra M N	Assistant Professor	✓	
2	Nandan P	Assistant Professor	✓	
3	Mahesh Lohith K S	Associate Professor & Head	✓	
4	Rani	Assistant Professor	✓	
5	Mohammed Eliyas	Associate Professor & Head	✓	
6	Avinash K	Assistant Professor	✓	
7	Kirankumar P	Assistant Professor	✓	
8	Sudhakar N	Assistant Professor & Head	✓	
9	Madhusudhan K V	Assistant Professor	✓	
10	Priyanka N B	Assistant Professor	✓	
11	Divya K	Assistant Professor	✓	
12	Ranganath K	Assistant Professor	✓	
13	Kavya S	Assistant Professor	✓	
14	Srikanth N	Assistant Professor	✓	
15	Pavithra	Assistant Professor	✓	
16	Chandrashekar C	Lecturer		NA
17	Nandeesha K G	Lecturer		NA

**Principal**



### Number of teachers using ICT

**AY:2016-2017**

Sl. No	Name	Designation	ICT Resource Utilized	
			Yes	No
1	Ramachandra M N	Assistant Professor	✓	
2	Nandan P	Assistant Professor	✓	
3	Mahesh Lohith K S	Associate Professor & Head	✓	
4	Rani	Assistant Professor	✓	
5	Mohammed Eliyas	Associate Professor & Head	✓	
6	Avinash K	Assistant Professor	✓	
7	Kirankumar P	Assistant Professor	✓	
8	Jayaram S R	Professor & Head	✓	
9	Sudhakar N	Assistant Professor	✓	
10	Madhusudhan K V	Assistant Professor	✓	
11	Priyanka N B	Assistant Professor	✓	
12	Divya K	Assistant Professor		✓
13	Ranganath K	Assistant Professor	✓	
14	Kavya S	Assistant Professor	✓	
15	Chandrashekar C	Lecturer	✓	
16	Nandeesh K G	Lecturer		NA

**Principal**



## ORCID AND VIDWAAN ID DETAILS

Sl. No.	Name of the faculty	Designation	ORCID ID	Vidwan ID
1	Ramachandra M N	Asst. Professor	0000-0001-7373-8047	202647
2	Mahesh Lohith K S	Assoc. Professor & Head	0000-0003-3457-040X	201965
3	Mohammed Eliyas	Assoc. Professor & Head	0000-0002-4075-9113	203201
4	Avinash K	Asst. Professor	0000-0001-8361-7660	201626
5	Kirankumar P	Asst. Professor	0000-0002-4577-5403	201829
6	Sudhakar N	Asst. Professor & Head	0000-0002-4006-8785	201863
7	Madhusudhan K V	Asst. Professor	0000-0001-7700-8172	202648
8	Priyanka N B	Asst. Professor	0000-0002-5305-4980	201872
9	Divya K	Asst. Professor	0000-0001-7735-0541	201864
10	Sowmya K	Asst. Professor	0000-0002-7430-5865	201861
11	Bhanu Priya J	Asst. Professor	0000-0002-1553-4369	201858
12	Bharathi R	Other	0000-0001-5962-6559	201857

**Principal**



## **Number of ICT Enabled Classroom**



Sl. No	Name	Room Number	Facility
1	ICT Enabled Class room	CV203, CV206	LCD Projector with projector screen, WIFI facility

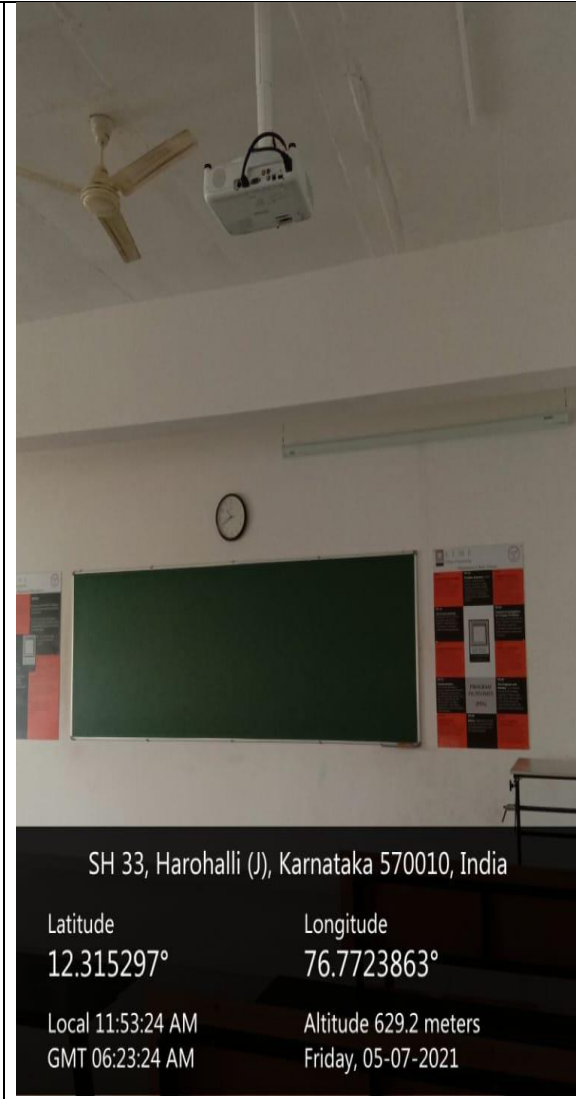
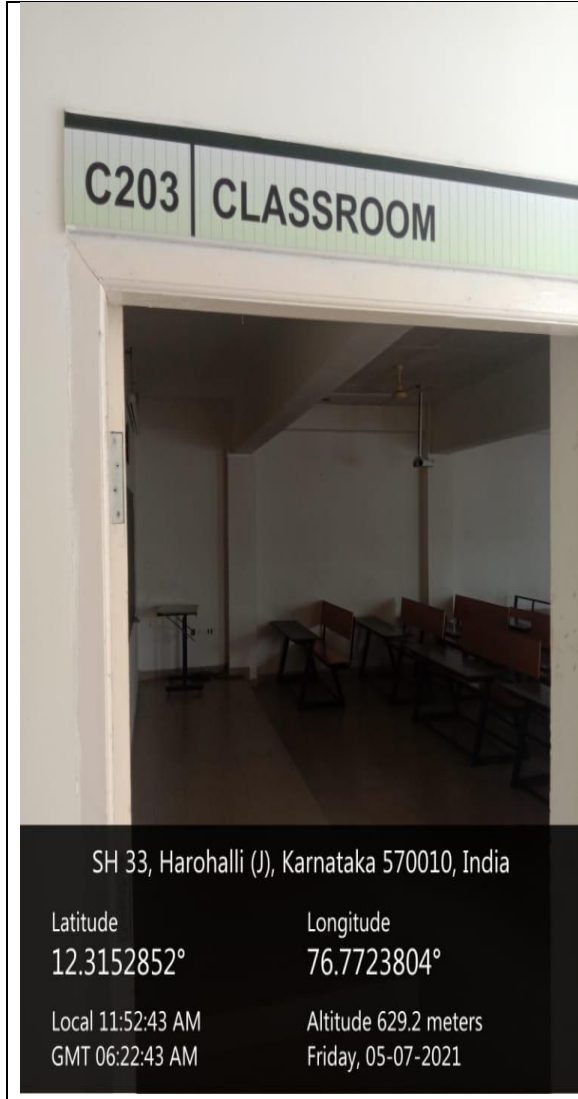
**Principal**



# Facility Proof



### CV203 Classroom



**Principal**

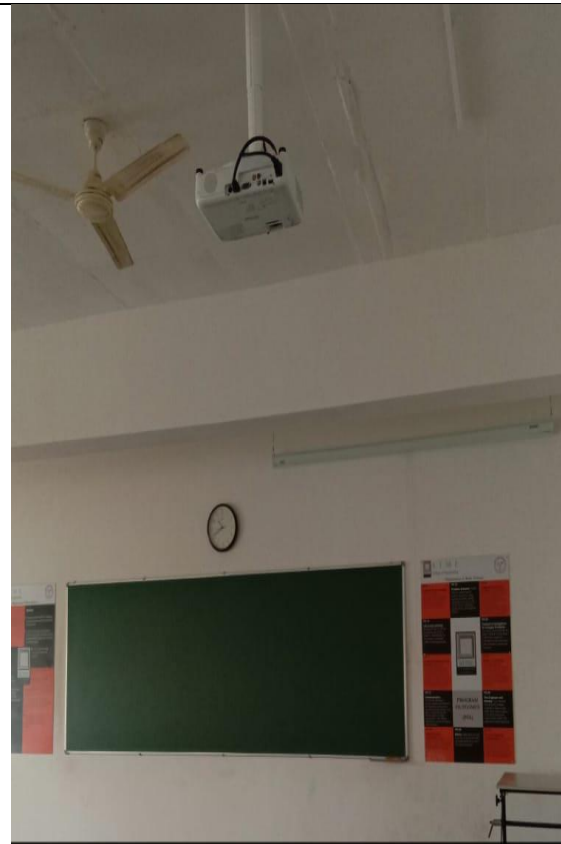
## CV206 Classroom



SH 33, Harohalli (J), Karnataka 570010, India

Latitude	Longitude
12.3152852°	76.7723804°

Local 11:52:43 AM	Altitude 629.2 meters
GMT 06:22:43 AM	Friday, 05-07-2021



SH 33, Harohalli (J), Karnataka 570010, India

Latitude	Longitude
12.315297°	76.7723863°

Local 11:53:24 AM	Altitude 629.2 meters
GMT 06:23:24 AM	Friday, 05-07-2021

**Principal**