

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.





Affiliated to the Visvesvaraya Technological University, Belagavi
Criterion: 2.3.2



Academic Year: 2016-21

2.3.2: Teachers use ICT tools to enable teaching and learning process

1. Classroom with Blackboard and ICT Tools (LCD Screen, Projector, Audio System)

| | |
|--|---|
|  |  |
| Class room with projector, wifi and LAN connection . | Air conditioned Class room with projector , wifi and LAN connection . |
|  |  |
| Individual Departments seminar Hall with Wifi and LAN connection | wifi facility and internet connection in individual classroom. |



2. ICT Based Teaching:

a. Name of the Activity : ICT based Teaching

Name of the Course : Power System analysis

Web link : [Power System Stability Studies: Equal Area Criterion - YouTube](#)

rrce eee

INTRODUCTION TO POWER SYSTEM STABILITY

- The tendency of a power system to develop restoring forces to maintain the state of equilibrium is known as Stability.
- Stability Studies:
 - Steady State
 - Dynamic
 - Transient
- The main purpose of transient stability studies is to determine whether the system will remain in synchronism following major disturbances such as transmission system faults, sudden load changes, loss of generating units or line switching.

17EE62 Sincy Elezebeth Kuruvilla

Power System Stability Studies: Equal Area Criterion

344 views • Apr 9, 2020

LIKE DISLIKE SHARE SAVE ...

RRCE EEE DEPT.,
56 subscribers
<https://www.youtube.com>

SUBSCRIBE

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Academic Year: 2016-21

b. Name of the Activity : ICT based Teaching

Name of the Course : Signals and Systems

Web link : [Signals & Systems Problems on CTFS 1 - YouTube](#)

YouTube haritha k sivaraman

Signals & Systems Problems on CTFS 1

129 views • May 9, 2020

7 DISLIKE SHARE SAVE ...

Haritha K Sivaraman
35 subscribers

SUBSCRIBE

c. Name of the Activity : ICT based Teaching

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Academic Year: 2016-21

Name of the Course : Pre stressed concrete

Web link : [Reinforcement in beams - YouTube](#)

The screenshot shows a YouTube video player interface. At the top, there's a search bar with 'ashwini l k' entered. Below the search bar, the video player displays a 3D model of a reinforced concrete beam with reinforcement bars. The video title 'Reinforcement in beams' is visible below the player. The video has 171 views and was uploaded on Sep 23, 2020. The channel name 'ASHWINI L K' is shown with 97 subscribers. A red 'SUBSCRIBE' button is present. The video description reads 'Simple Beams with tensions and compression zone reinforcement'.

d. Name of the Activity : ICT based Teaching

Name of the Course : Civil Engineering

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Academic Year: 2016-21

Web link : [Moment distribution method](#) | [Introduction2-1](#) | [Example](#) | [Analysis of Indeterminate Structures](#) | [18cv52 - YouTube](#)

YouTube search bar: aravithan k

12

Analyse the continuous beam shown in Fig ... by the method of moment distribution.

30 kN/m

40 kN

6 m

2 m

3 m

1 Uniform

Civil Engineering for Learners / Analysis of indeterminate structures/ Module -2 / Dr.K.Aravinthan

08-11-2021

Moment distribution method| Continuous beam2-2|Example| Analysis of Indeterminate Structures| 18cv52

77 views • Premiered Nov 28, 2021

5 DISLIKE SHARE SAVE ...

Dr Aravinthan. K

<https://www.youtube.com/channel/UC...>

SUBSCRIBE

e. Name of the Activity : ICT based Teaching

Name of the Course : Advanced Calculus & Numeric Methods

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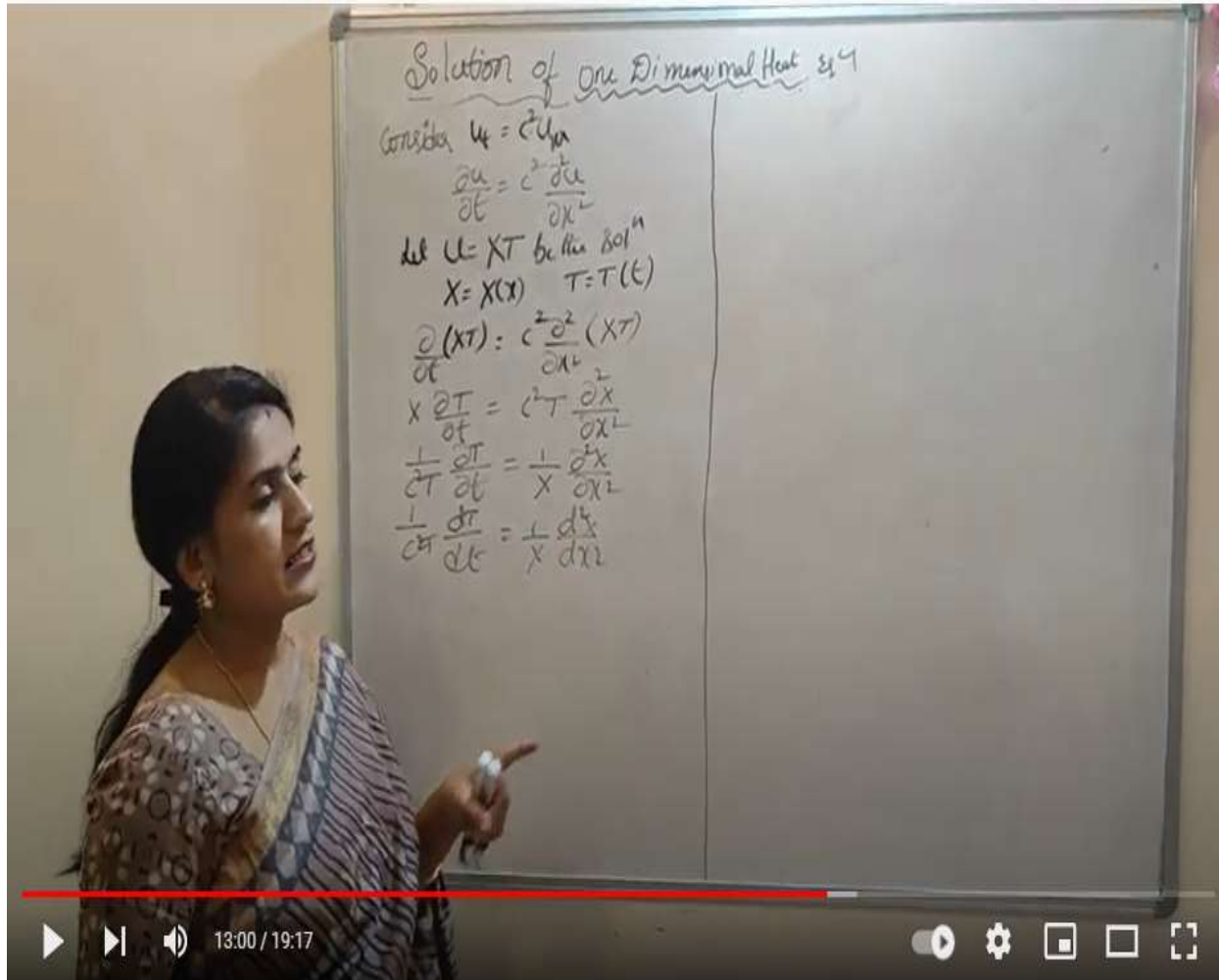
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Academic Year: 2016-21

Web link : [Solution of One Dimensional Wave and Heat Equation - YouTube](#)



Solution of One Dimensional Wave and Heat Equation

171 views • Jun 16, 2021

18 DISLIKE SHARE SAVE ...



Mathsbrains

377 subscribers

<https://www.youtube.com>

SUBSCRIBE

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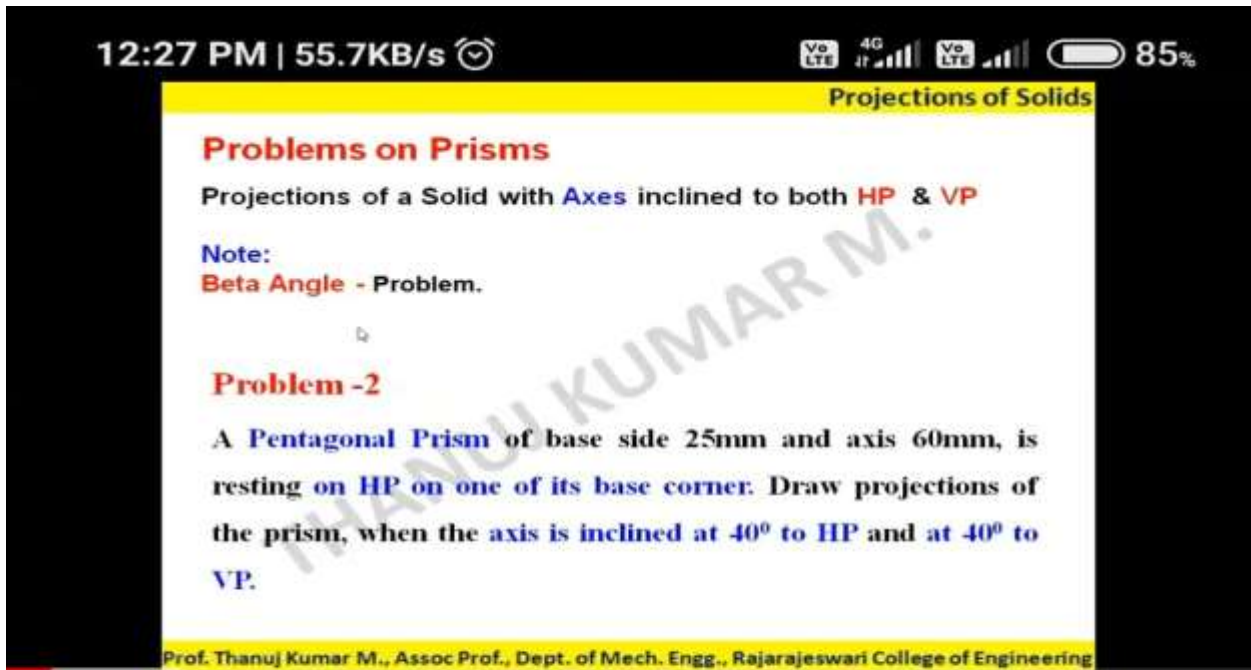


Academic Year: 2016-21

f. Name of the Activity : ICT based Teaching

Name of the Course : Engineering Graphics (18EGDL15/25)

Web link: [Engineering Graphics - YouTube](#)



Projection of Prism with BETA Angle - by Prof. Thanuj Kumar M

835 views · 1 year ago

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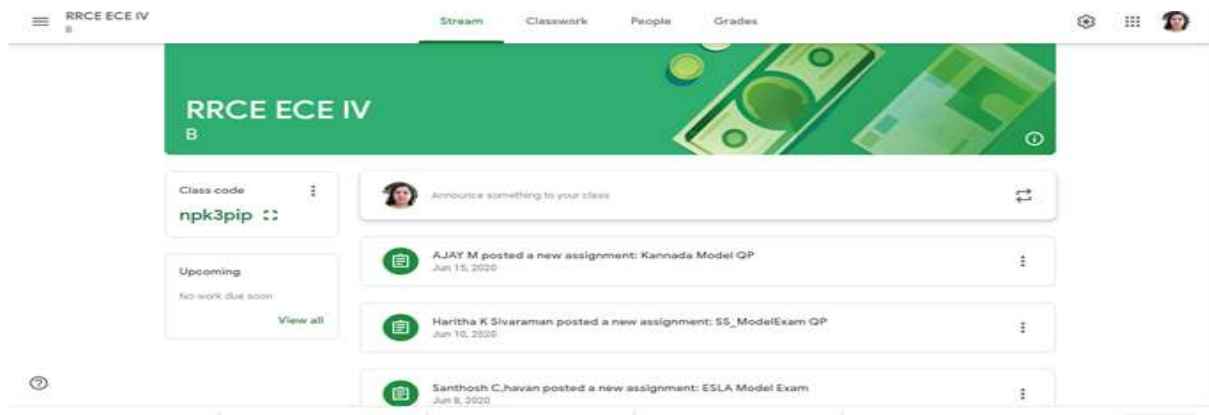
Academic Year: 2016-21

3. Virtual Classroom Learning

a..Virtual Classroom – Google Classroom

Google Classroom Code : npk3pip

Course Code & Name : 18EC45 & Signals & System



b..Virtual Classroom – Google Classroom, MS-TEAMS, Zoom Class

Google Classroom Code : bsa3xsh

Course Code & Name : 18CS71 & Web Technology & its Applications

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Academic Year: 2016-21

The screenshot shows the Google Classroom home page for the user 'shashigowd@gowd'. The page displays a grid of class cards. The top row includes '2017-Final Year Project C Section', '2017 Batch CSE 7th A Section', '8th Sem Seminar A, B & C', and 'Final Year Project 8th C Section'. The bottom row includes 'Final Year Project 8th B Section', '2016 Batch CSE 8th B Section', and '2017 Batch CSE 6th C section'. A 'To review' section and a 'Calendar' icon are visible at the top left. The Windows taskbar at the bottom shows the date as 12/1/2021 and the time as 3:47 PM.

The screenshot shows the detailed view of the '2017 Batch CSE 6th C section' class. The header features a class image and a 'Customize' button. Below the header, the 'Class code' is displayed as 'bsa3sxh'. The 'Upcoming' section shows 'No work due soon'. The 'Classwork' tab is selected, displaying two assignments posted by 'shashi gowda': 'Web technologies & its Application Model examinat...' (due Jan 13) and '17CS71-Third Internals Question Paper' (due Nov 30, 2020). The Windows taskbar at the bottom shows the date as 12/1/2021 and the time as 3:50 PM.

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Academic Year: 2016-21

2017 Batch CSE
6th C section

Stream Classwork People Grades

+ Create

Google Calendar Class Drive folder

| Assignment/Quiz | Due Date |
|--|----------------------------|
| 17CS71-Third Internals Question Paper | Due Nov 31, 2020, 11:59 PM |
| 17CS71-SECOND INTERNALS | Due Oct 27, 2020, 11:29 AM |
| Cgv online lab internals | Due Jun 10, 2020 |
| Computer Graphics & Visualization(17C582) | Due Jun 4, 2020 |
| CG FIRST INTERNALS ON 14.05.2020 @ 10.0... | Due May 14, 2020 |
| CGSV Self Study Assessment2 | Due Apr 13, 2020 |
| CG Lab Programs | Posted Apr 3, 2020 |
| CGSV self study assessment1 | Due Mar 31, 2020 |

Windows taskbar: 20°C Mostly cloudy, 3:50 PM, 12/11/2021

2017 Batch CSE
6th C section

Stream Classwork People Grades

Teachers

shashi gowde

Students

50 students

| Student Name |
|----------------|
| Adil Bhat |
| Amandeep Singh |
| ARJUN K AJJU |
| Chidan Kotegar |

Windows taskbar: 20°C Mostly cloudy, 3:51 PM, 12/11/2021

C.Virtual Classroom – MS-TEAMS

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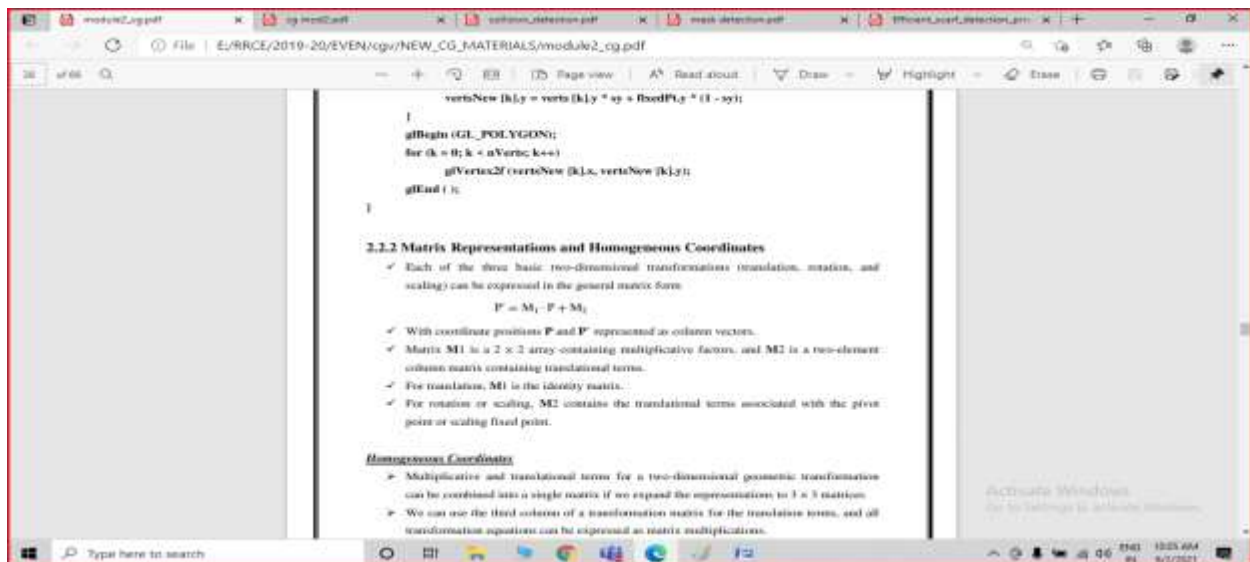
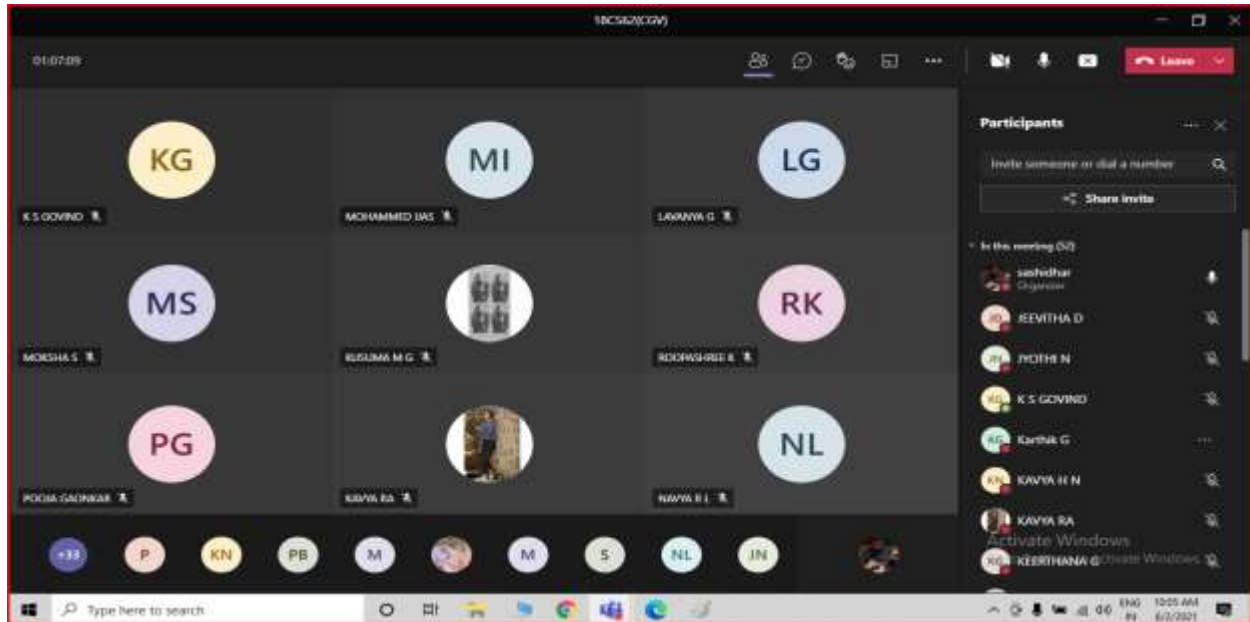
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Academic Year: 2016-21

Team Login: Institutional mail id's

Course Code & Name : 18CS62 & Computer Graphics & Visualization



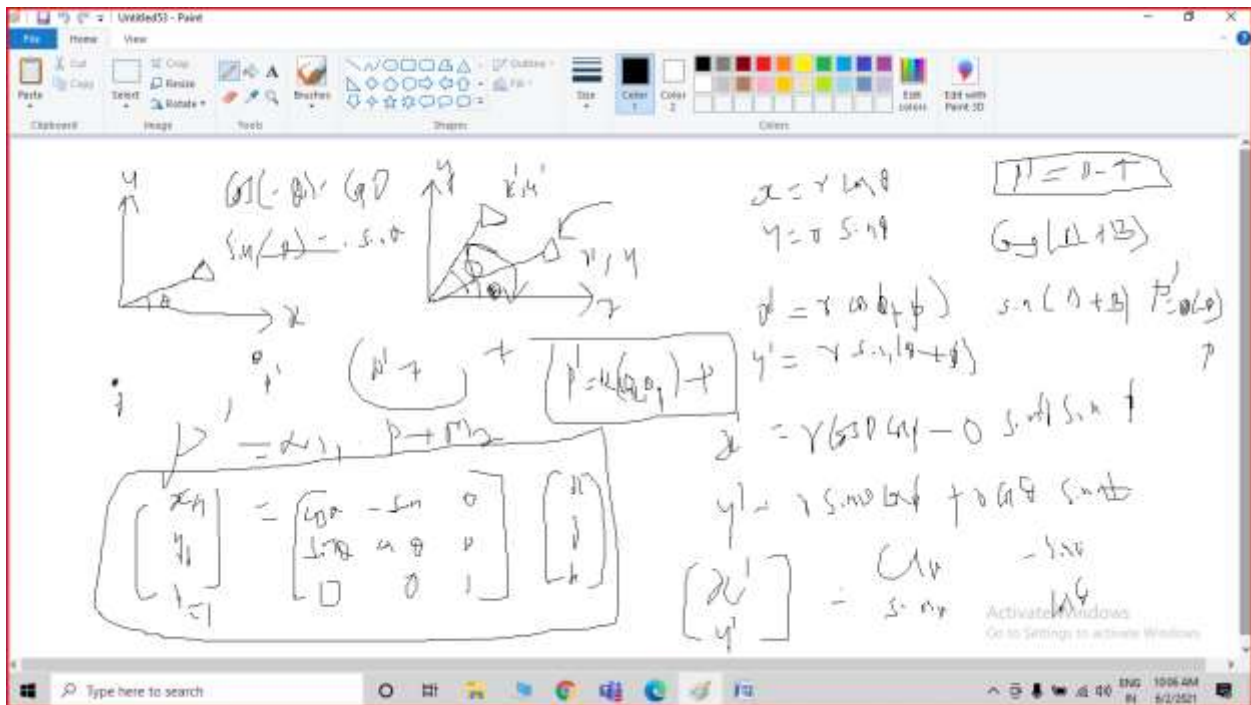
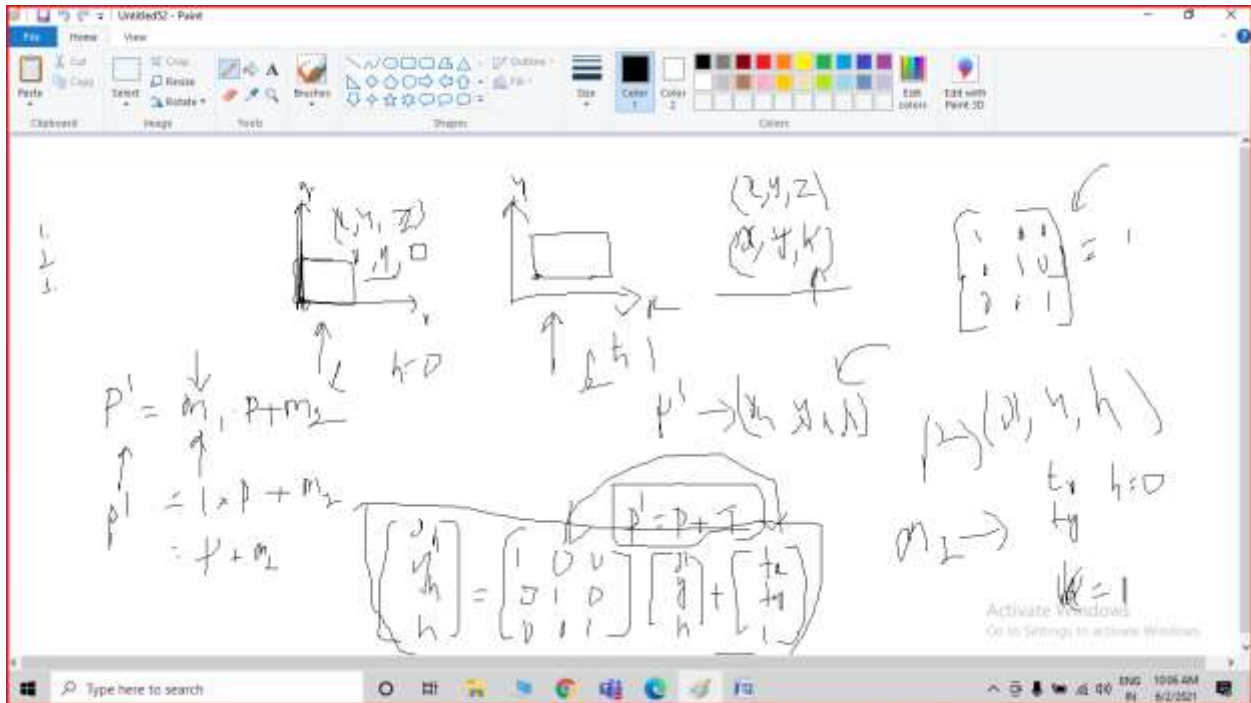
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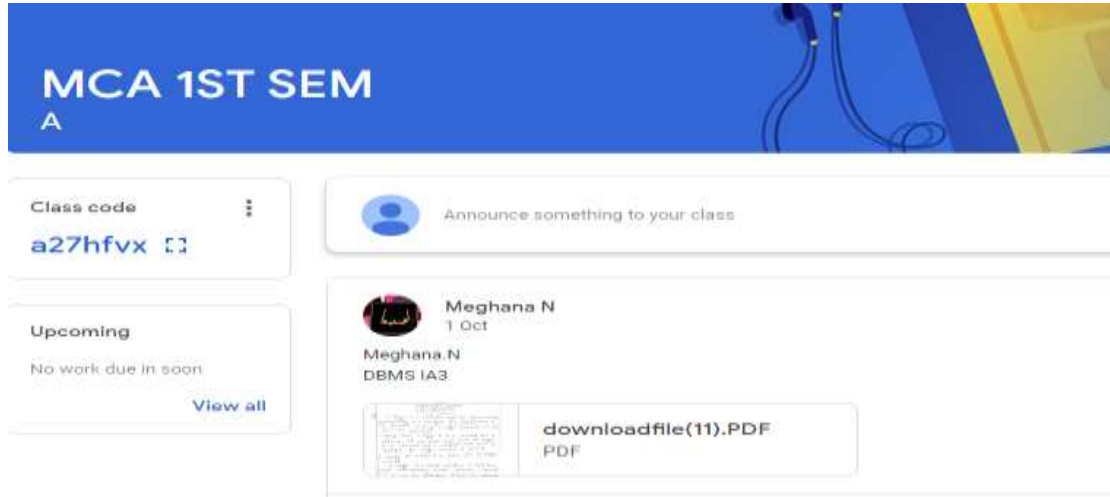


Academic Year: 2016-21

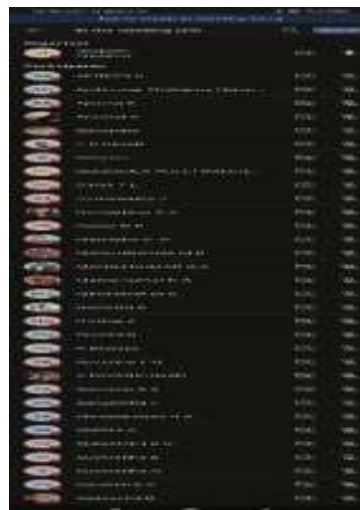
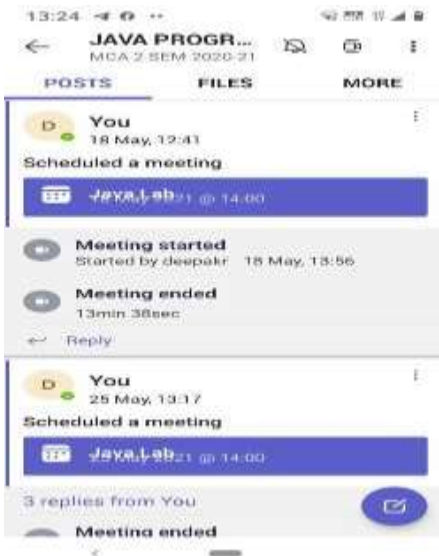
d.Virtual Classroom – Google Classroom Google

Classroom: Google Classroom Code :a27hfvx

Course Code & Name : 20MCA21 & DBMS



e. Virtual Classroom – Microoft Teams: MCA 2 SEM 2020-21



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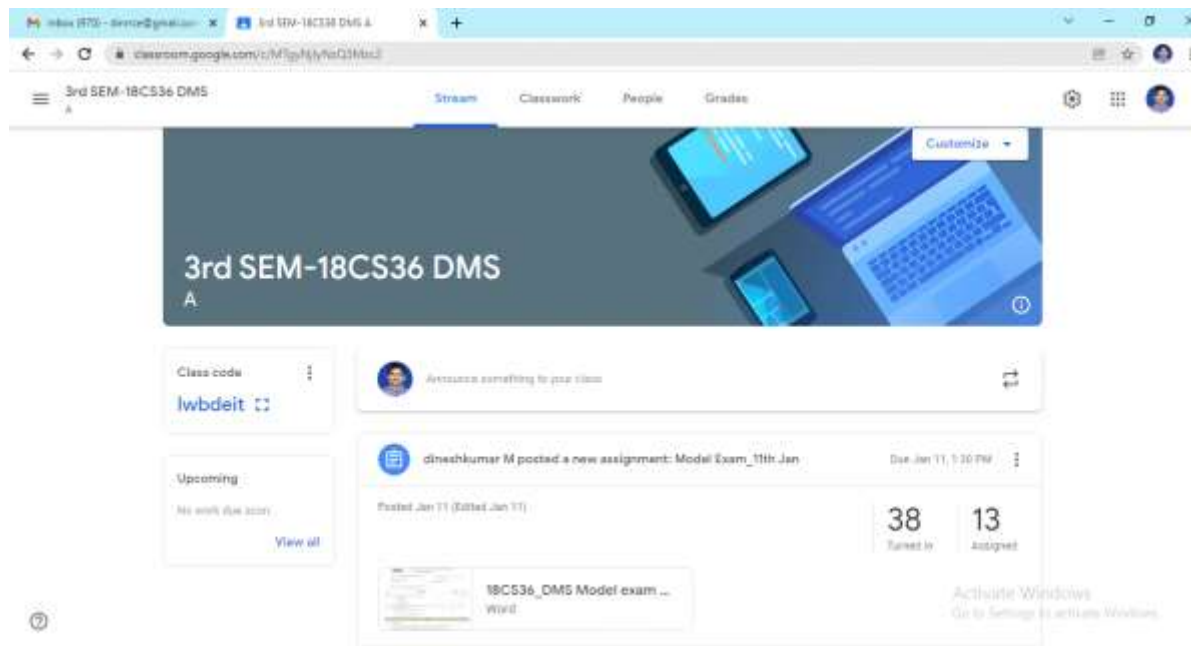
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Academic Year: 2016-21

Google Classroom Google Classroom Code : lwbdet

Course Code & Name : 18CS36-Discrete Mathematical Structures



Google Classroom Google Classroom Code : jptoluf

Course Code & Name : 17CS651-Datamining & Data warehousing

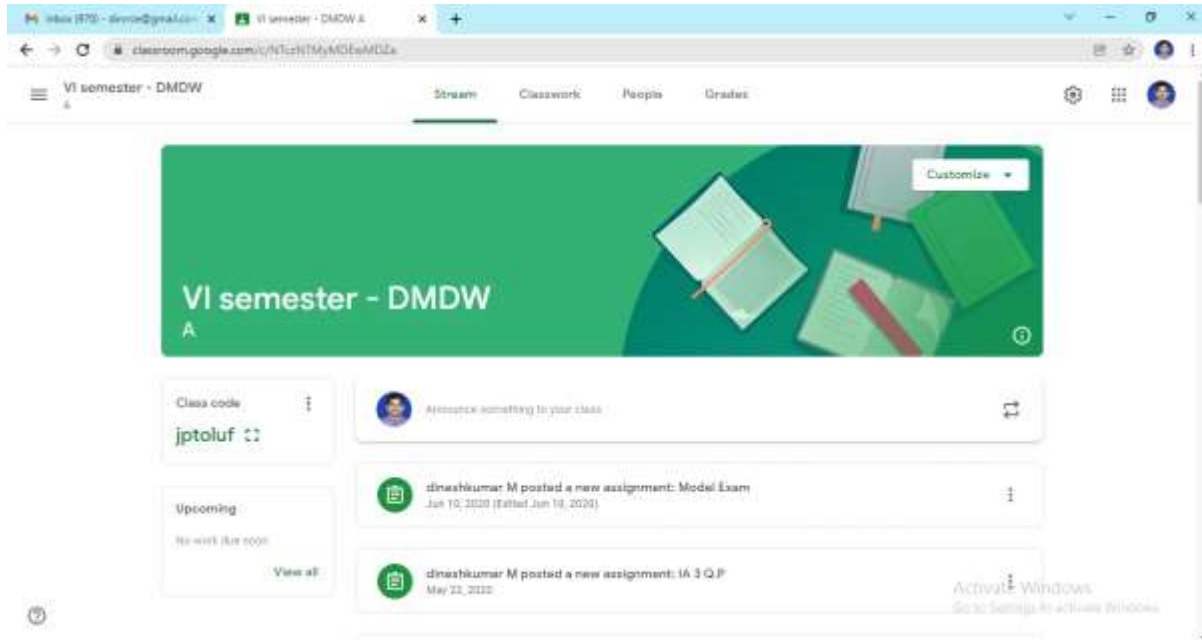
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Academic Year: 2016-21




Principal
Principal
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