



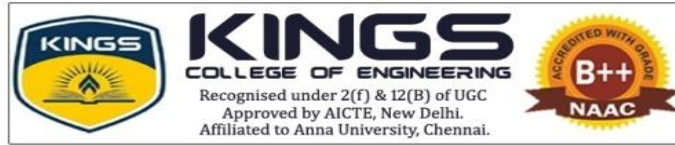
**ACADEMIC YEAR  
2023-2024**

**ICT TOOLS FOR EFFECTIVE TEACHING  
LEARNING PROCESS**



**DEPARTMENT OF CIVIL  
ENGINEERING**

**ACADEMIC YEAR  
2023-2024**



**DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR 2023-2024**

# ICT TOOLS





My Classes

Resources

My Library

Create

Search Resources...

Resources

GO PREMIUM!

Arun Kannan Basic

### My Classes

IV Year Civil (202...

My first class

Activities

Mastery

Gradebook

Members

### Activities for My first class

CLASS CODE  
ajf6296

Duplicate class

Copy class URL

**CE3502 - STRUCTURAL ANALYSIS I - PCE ACTIVITY** [\(Preview\)](#)

Played in class

Analyze 20 results

**CE8701/ESTIMATION COSTING AND VALUATION ENGINEERING** [\(Preview\)](#)

Homework deadline was Sep 27, 2022

Analyze 20 results

**CE8005 / APCE - PCE ACTIVITY 1** [\(Preview\)](#)

Played in class

Analyze 21 results



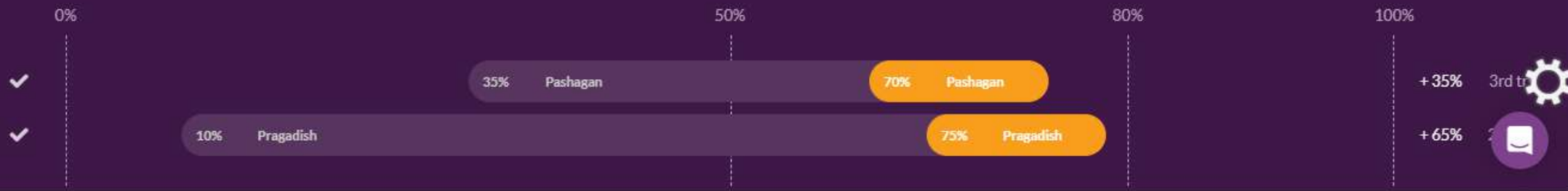
# Improvements in CE3502 - STRUCTURAL ANALYSIS I - PCE ACTIVITY

Improvements over multiple tries

Compare with another quiz

My first class improved **50%** overall

22.5% 1st try → 72.5% last try



# Results Table

Attempt: All | Highest first | /20

Attempt	Pragadiah	Pashagan	Sara	Manikkara	Pashagan	Naaviniya	J.MOHAMED	Akalya	Surya	SARAVANAN	ARUNKUMAR
Completed											

Attempt	Pragadiah	Pashagan	Sara	Manikkara	Pashagan	Naaviniya	J.MOHAMED	Akalya	Surya	SARAVANAN	ARUNKUMAR
Attempt #2	15/20	✓	✓	✗	✓	✓	✓	✓	✓	✗	✗
Attempt #9	15/20	✓	✓	✓	✗	✓	✗	✓	✓	✗	✗
Attempt #3	14/20	✓	✗	✓	✗	✓	✓	✗	✓	✗	✗
Attempt #1	14/20	✓	✓	✗	✗	✓	✗	✓	✓	✗	✗
Attempt #2	13/20	✓	✓	✗	✓	✓	✓	✗	✓	✗	✗
Attempt #2	13/20	✗	✓	✗	✓	✗	✓	✗	✓	✗	✗
Attempt #1	13/20	✗	✓	✓	✓	✗	✗	✓	✓	✗	✗
Attempt #1	13/20	✗	✓	✓	✗	✓	✗	✓	✓	✗	✗
Attempt #1	12/20	✓	✗	✗	✗	✓	✗	✓	✓	✗	✗
Attempt #1	12/20	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗
Attempt #1	11/20	✗	✗	✓	✗	✓	✓	✗	✗	✗	✗
Attempt #1	11/20	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗





# Hot Potatoes™

From Half-Baked Software Inc

## Version 7



JCloze

JMatch

JQuiz

JCross

JMix



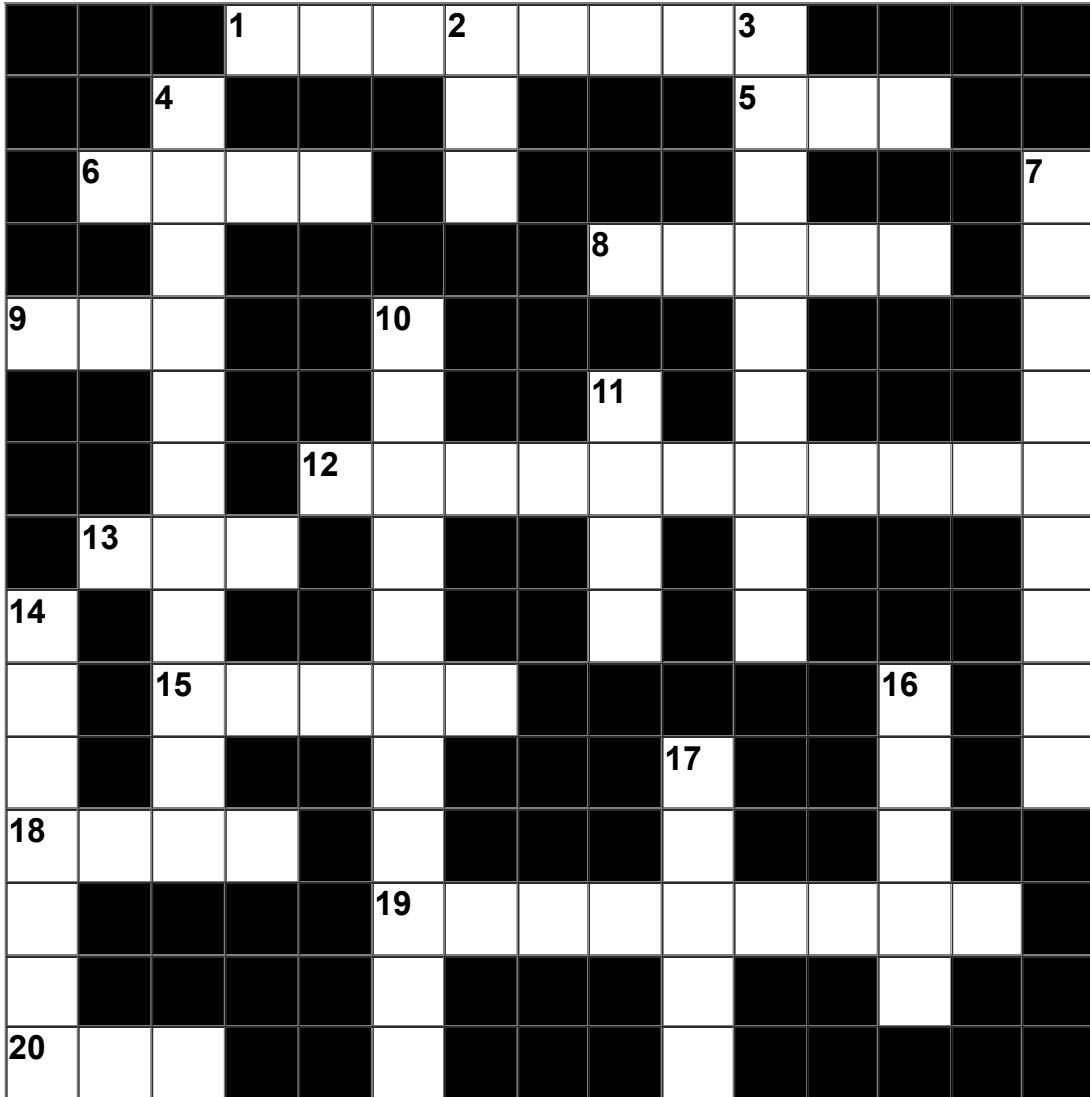
The Masher

**CE3502 - STRUCTURAL ANALYSIS I - PCE ACTIVITY**

STUDENT NAME :

**Crossword**

ROLL No :



**Across:**

- 1 A truss formed by joining two or more simple trusses is called \_\_\_\_\_ Truss
- 5 Fixed \_\_\_\_\_ moments are required for solving slope deflection equations
- 6 Moment at a hinge will be equal to \_\_\_\_\_
- 8 Concentrated load is also known as \_\_\_\_\_ load
- 9 The degree of freedom of space roller joint is \_\_\_\_\_
- 12 \_\_\_\_\_ is the simplest element of a space truss.
- 13 Hinge support is also known as \_\_\_\_\_ support.
- 15 Truss members carry \_\_\_\_\_ load
- 18 In a beam, slope value will be \_\_\_\_\_ at the free end.
- 19 If "n" is not equal to  $2j-3$ , then the frame is called as \_\_\_\_\_ frame.
- 20 In general \_\_\_\_\_ equilibrium equations are needed to solve each joint of a truss.

**Down:**

- 2 For UDI, loads are measured in load \_\_\_\_\_ length
- 3 If  $n < 2j-3$ , then the frame is called as \_\_\_\_\_ frame.
- 4 If the equilibrium conditions are enough to analyze a structure, then it is said to be statically \_\_\_\_\_
- 7 If  $n > 2j-3$ , then the frame is called as \_\_\_\_\_ frame.
- 10 If a beam extends beyond its support, then it is called as \_\_\_\_\_ beam.
- 11 The type of joints used in space truss are \_\_\_\_\_ and Socket Joint.
- 14 If  $n = 2j-3$ , then the frame is called as \_\_\_\_\_ frame.
- 16 \_\_\_\_\_ wise moments are positive.
- 17 The number of independent equations to be satisfied for static equilibrium of a plane structure is \_\_\_\_\_



**Title**

**CE3502 - STRUCTURAL ANALYSIS I**

Add Clues

		C	O	M	P	O	U	N	D										
	D				E				E	N	D								
	Z	E	R	O		R			F					R					
	T					P	O	I	N	T			E						
O	N	E		O				C				D							
	R		V		B	I						U							
	M		T	E	T	R	A	H	E	D	R	O	N						
P	I	N		R		L		N				T							
E	A	X	I	A	L							C		N					
R	T			N			T				L		T						
F	R	E	E	G				H				O							
E					I	M	P	E	R	F	E	C	T						
C				N				E				K							
T	W	O		G				E											

Half-Baked Software's Hot Potatoes

File Potatoes Options Help

## Hot Potatoes™

From Half-Baked Software Inc

# Version 7

JQuiz JCross JMix

The Masher

Create your crossword in this grid



GO PREMIUM!



Arun Kannan  
Basic



## CE3602 - STRUCTURAL ANALYSIS II - PCE ACTIVITY

Quiz by Arun Kannan

[In Your Library](#)

Feel free to use or [edit the questions](#)

includes Teacher and Student dashboards

**Measure skills**  
from any curriculum

Tag the questions with any skills you have. Your dashboard will track each student's mastery of each skill.

[Share](#)

[Lock quiz](#)

[Make private](#)

[Delete](#)

Score 0

Q 2/20

Score 0

Q 3/20

Beam having more than two supports is called as \_\_\_\_\_ beam.

60

Continuous beam

fixed

cantilever

simply supported

[Play as a student](#)

[to try out the quiz](#)

[Edit questions](#)

[to suit your class](#)

20 questions

[Show answers](#)

1

60 sec

Q. Point load is also known as \_\_\_\_\_ load.

- udl
- Concentrated load
- uvl
- moving

2

60 sec

Q. Beam having more than two supports is called as \_\_\_\_\_ beam.

- Continuous beam



3

60 sec

Q. Beam with one end fixed and other end free is \_\_\_\_\_

- continuous
- Fixed
- Simply supported
- Cantilever

4

60 sec

Q. Hinged support has \_\_\_\_\_ reactions.

- 1
- 0
- 2
- 3

5

60 sec

Q. An influence line is a \_\_\_\_\_ drawn for beam or truss.

- None of the above
- Portrait
- image
- Graph

6

60 sec

Q. What will be the shape of ILD curve for vertical reaction at point A?

- Straight line
- Triangular
- Parabolic
- Circular

7

60 sec

Q. ILD stands for \_\_\_\_\_ line diagram

- Influence
- Integrated
- Internal
- None of the above

8

60 sec

Q. Trusses are also termed as \_\_\_\_\_.

- Frames
- None of the above
- Beams
- Columns

9

60 sec

Q. Roller support has \_\_\_\_\_ reaction.

- Horizontal
- Vertical
- None of the above



10

60 sec

Q. B.M at hinged support in a beam is \_\_\_\_\_

- 1
- 2
- 3
- Zero

11

60 sec

Q. Which of the following structural loads are not applied commonly to a building?

- Rain load
- Wind load
- Dead load
- Live load

12

60 sec

Q. Which of the following is statically determinate structure?

- Two hinged arch
- Double Overhanging beam
- Continuous beam
- Fixed beam

13

60 sec

Q. Which of the following material is not used in making trusses?

- Wood struts
- Concrete
- Metal Bars
- Channel

14

60 sec

Q. Which structure will perform better during earthquake?

- None of the above
- Statically indeterminate
- Statically determinate
- Depends upon magnitude of earthquake

15

60 sec

Q. Which of the following is carried by truss members?

- Axial load
- Bending load
- Flexural load
- Shear load

16

60 sec

Q. Which of the following methods for solving indeterminate structures are easiest for computational purposes?

- Method of consistent deformation
- Displacement method
- Force method
- Moment area method



- Roller support
- Fixed support
- Free end
- Hinged support

18 60 sec

Q. Centroid is the ratio of \_\_\_\_\_ by Force.

- None of the above
- Resultant
- Moment
- load

19 60 sec

Q. Fixed support has \_\_\_\_\_ reactions.

- 0
- 3
- 2
- 1

20 60 sec

Q. If equilibrium equations are enough to solve a structure, then it is called as \_\_\_\_\_ structure.

- Determinate
- Indeterminate
- None of the above
- Independent

**Play as a student**  
to try out the quiz

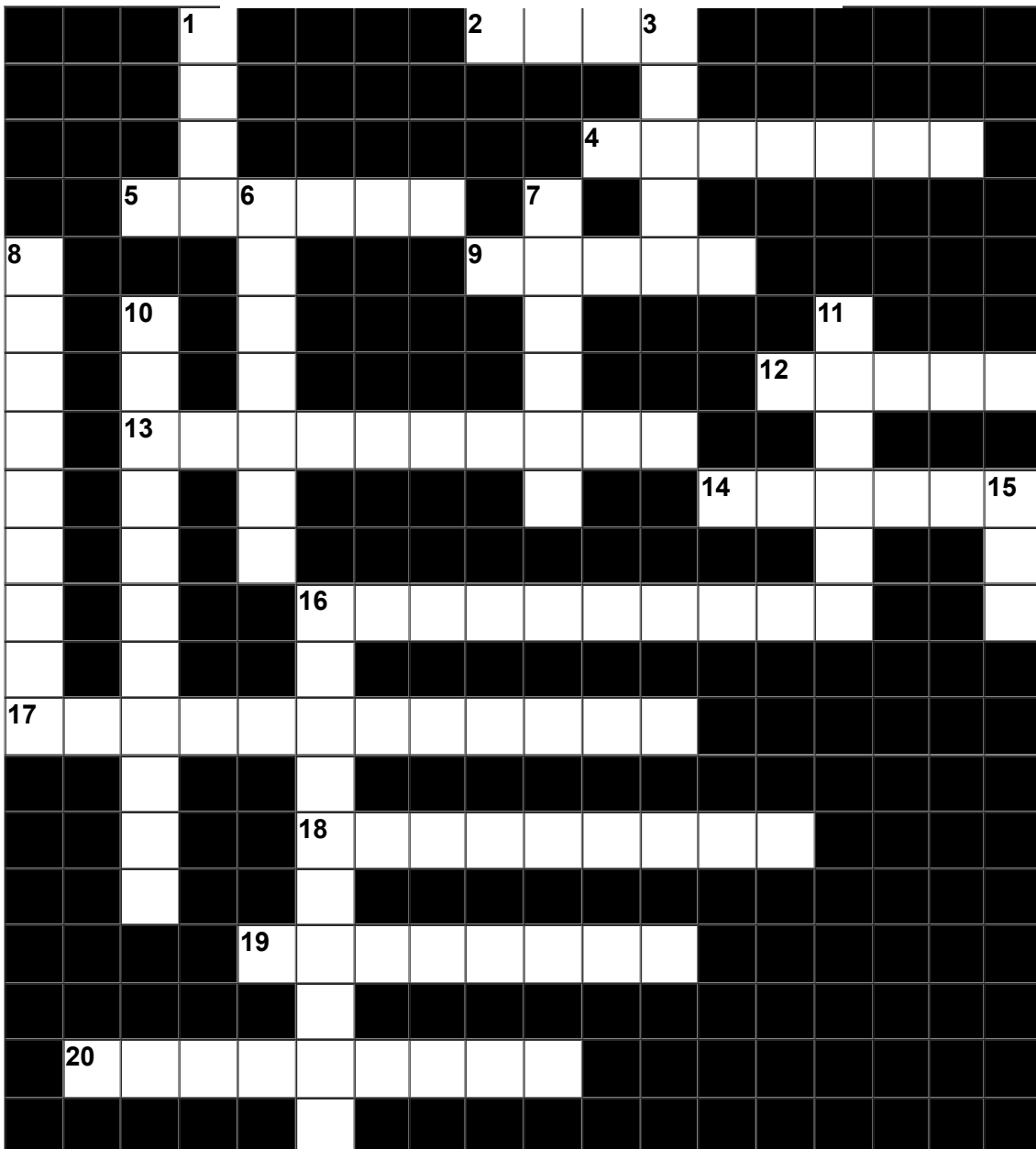
**Edit questions**  
to suit your class

### Give this quiz to

My first class ▼

- in class
  - as homework
  - as an exam
  - as a printed PDF
- Give to class** as a Classic Quiz

**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2023-2024 (EVEN SEM)**  
**CE3602 – STRUCTURAL ANALYSIS II – PCE ACTIVITY**



**Across:**

- 2** For drawing ILD, \_\_\_\_\_ load is assumed
- 4** Cantilever beam supported at the free end end is called \_\_\_\_\_ cantilever beam.
- 5** Influence lines are very helpful in determining the force components due to \_\_\_\_\_ loads.
- 9** Beams with both ends are fixed is called as \_\_\_\_\_ beam.
- 12** An influence line is a \_\_\_\_\_ drawn for beam or truss.
- 13** What will be the shape of ILD curve for vertical reaction at point A?
- 14** Centroid is the ratio of \_\_\_\_\_ by Force.
- 16** Beam having more than two supports is called as \_\_\_\_\_ beam.
- 17** Point load is also known as \_\_\_\_\_ load.
- 18** ILD stands for \_\_\_\_\_ line diagram
- 19** Roller support has \_\_\_\_\_ reaction.
- 20** Shear \_\_\_\_\_ should be calculated to fix the position of moving loads in ILD.

**Down:**

- 1** B.M at hinged support in a beam is \_\_\_\_\_
- 3** Fixed support has \_\_\_\_\_ reactions.
- 6** UVL stands for uniformly \_\_\_\_\_ load.
- 7** Beam supported on two ends is called \_\_\_\_\_ supported beam.
- 8** The shape of BM for an UDL load is \_\_\_\_\_
- 10** If equilibrium equations are enough to solve a structure, then it is called as \_\_\_\_\_ structure.
- 11** Trusses are also termed as \_\_\_\_\_.
- 15** Hinged support has \_\_\_\_\_ reactions.
- 16** Beam with one end fixed and other end free is \_\_\_\_\_



Title

CE3602 -  
STRUCTURAL  
ANALYSIS II

Add Clues



		Z				U	N	I	T											
		E							H											
		R					P	R	O	P	P	E	D							
		M	O	V	I	N	G		S	E										
P		A				F	I	X	E	D										
A	D	R				M				F										
R	E	Y				P				G	R	A	P	H						
A	T	R	I	A	N	G	U	L	A	R		A								
B	E	N				Y				M	O	M	E	N	T					
O	R	G									E			W						
L	M			C	O	N	T	I	N	U	O	U	S		O					
I	I			A																
C	O	N	C	E	N	T	R	A	T	E	D									
		A		T																
		T		I	N	F	L	U	E	N	C	E								
		E		L																
				V	E	R	T	I	C	A	L									
				V																
		I	N	C	R	E	M	E	N	T										
				R																



Activate Windows  
Go to PC settings to activate Windows.

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**ACADEMIC YEAR 2023 – 2024**

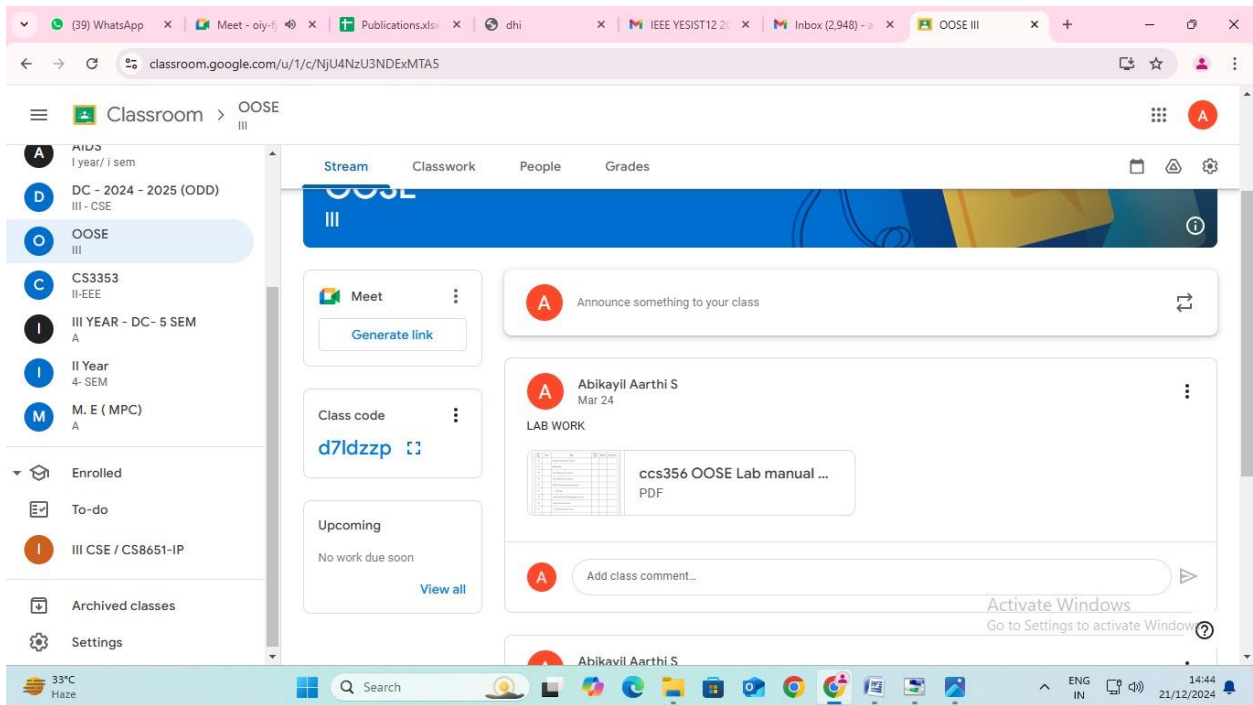
## ICT TOOLS FOR EFFECTIVE TEACHING LEARNING PROCESS



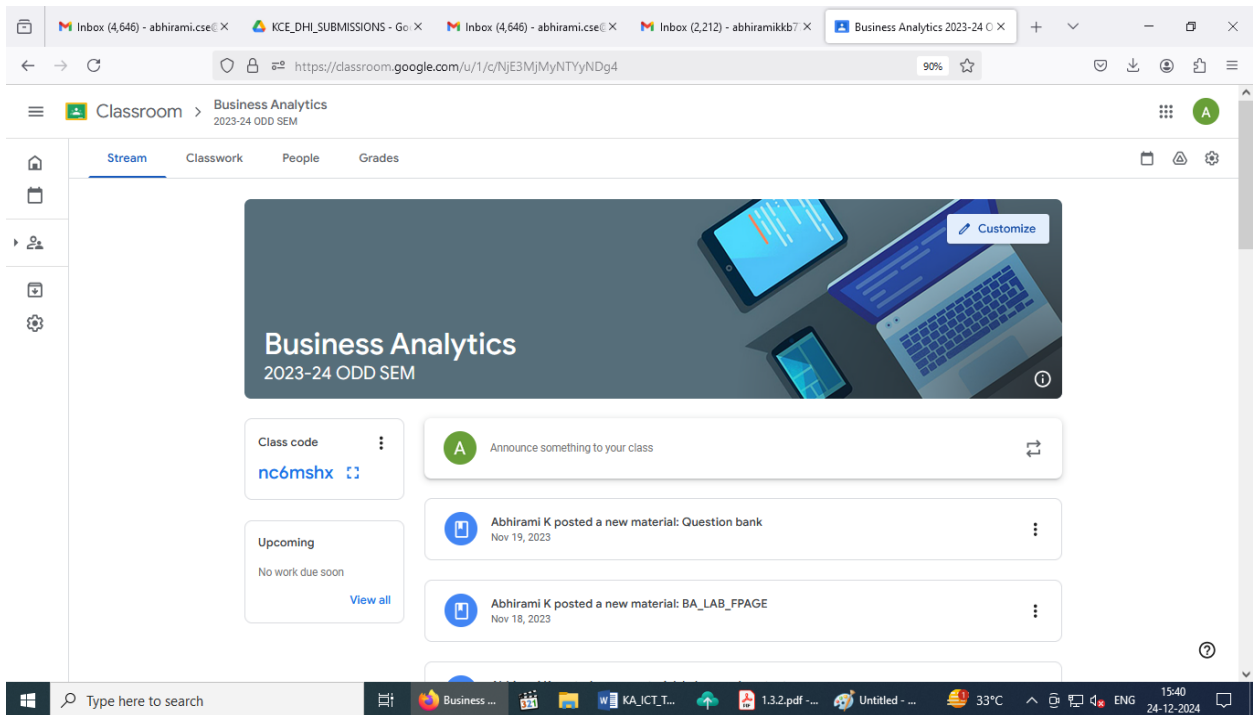


# Google Classroom

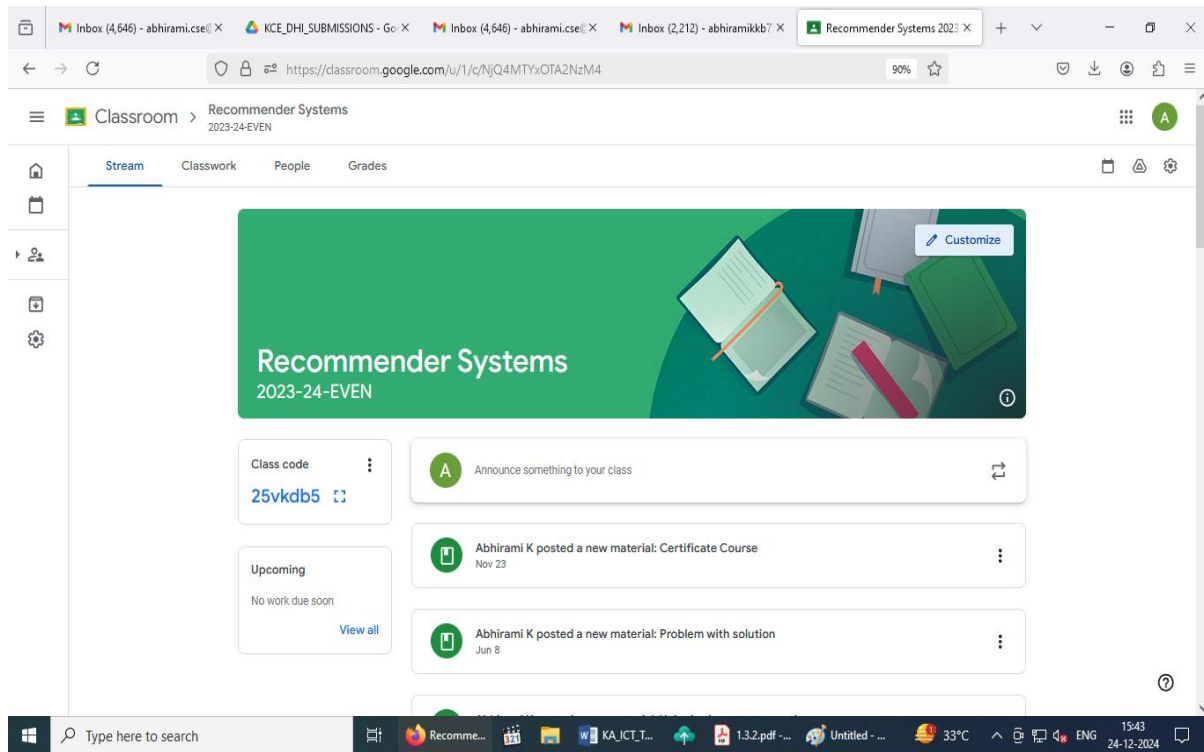
## Object Oriented and Software Engineering



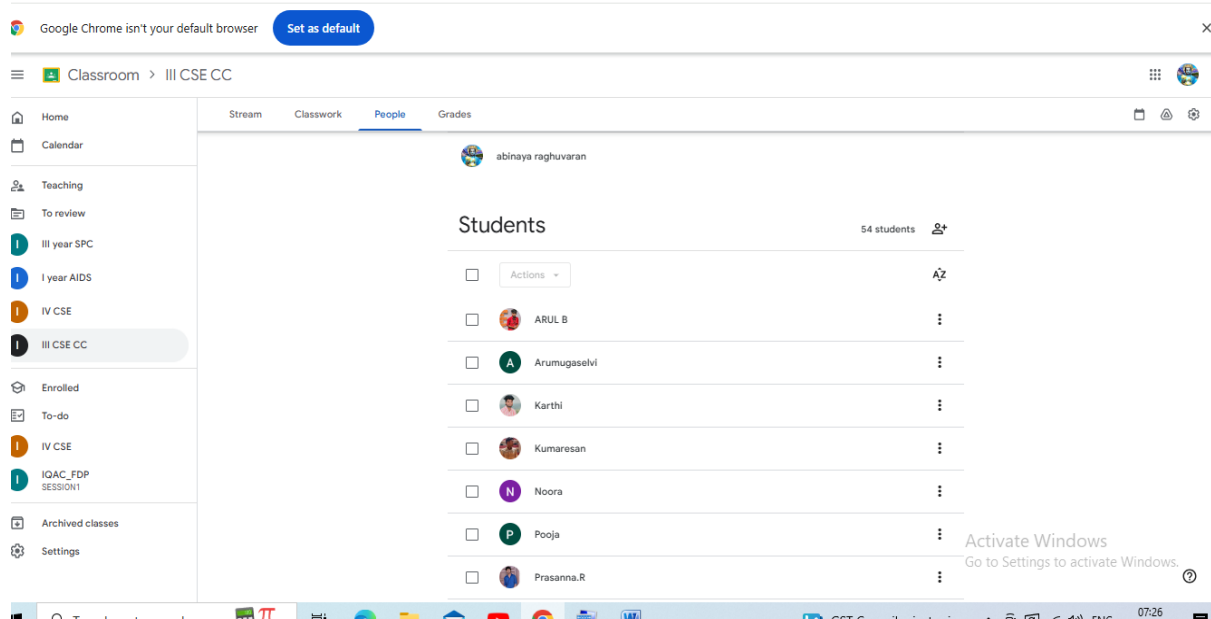
## Business Analytics



# Recommender Systems



# Cloud Computing



# Algorithms

The screenshot shows a Google Classroom interface for a course titled "III CSE". The left sidebar contains navigation options: Home, Calendar, Teaching (To review, I MECH, II ECE B, II CSE, IV CSE, III CSE), and Enrolled (To-do, II AI DS). The main content area is titled "Stream" and features a blue header with "III CSE" and a background image of a laptop and headphones. Below the header, there is a "Class code" section displaying "pzeo3iz" with a copy icon. The "Upcoming" section shows "No work due soon" with a "View all" link. The stream contains three announcements from "kavitha manimaran": "Announce something to your class", "Computer Networks E-material & Important Que..." (dated Dec 27, 2023), "CN Model QP" (dated Nov 6, 2023), and "CN Assignment 2" (dated Oct 12, 2023). The browser's address bar shows the URL "classroom.google.com/c/NjE2ODIzNTU3ODA2". The Windows taskbar at the bottom shows the search bar and system tray with the date "24-12-2024" and time "09:25".

# Computer Networks

This screenshot is identical to the one above, showing the Google Classroom interface for "III CSE". The left sidebar, main content area, and stream of announcements are the same. The browser's address bar shows the URL "classroom.google.com/c/NjE2ODIzNTU3ODA2". The Windows taskbar at the bottom shows the search bar and system tray with the date "24-12-2024" and time "09:25".

# Virtual Lab Sessions

## C programming

The screenshot shows a web browser window with the URL `cse02-iitth.vlabs.ac.in/exp/arrays/simulation.html`. The page title is "Arrays". The interface is divided into three main sections:

- Initialize:** Contains a form to "Enter Matrix Size" with two input fields set to "2" and a "Generate Values For B" button.
- Step Execution:** Displays a C code snippet for matrix multiplication:

```
int main() {
    int i,j,k;
    int matA[i][j];
    int matB[i][k];
    int matMul[i][k];
    int p,q,r;
    for ( p = 0 ; p < i ; p++)
    {
        for ( r = 0 ; r < k ; r++)
        {
            matMul[p][r] = 0;
            for ( q = 0 ; q < j ; q++)
            {
                matMul[p][r] += matA[p][q]*matB[q][r];
            }
        }
    }
}
```
- Code Output:** Shows the resulting matrices:

Matrix A		Matrix B	
5	12	0	4
0	6	3	1

Resultant Matrix

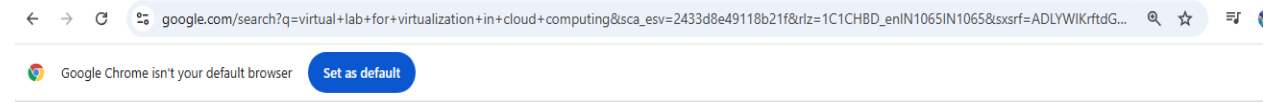
-1	-1
-1	-1

## Cryptography and network security

The screenshot shows a web browser window with the URL `cse29-iitth.vlabs.ac.in/exp/diffie-hellman/simulation.html`. The page title is "Diffie-Hellman Key Establishment". The interface is divided into several sections:

- Public Information:** A section for shared parameters.
- Prime Number:** An input field containing "7237" and a "Generate Prime" button.
- Generator G:** An input field containing "26" and an "Another Generator" button.
- Alice's Side:**
  - Key: 6595 (with "Generate A" button)
  - 2938 (with "Calculate Ga" button)
  - Send G<sub>a</sub> to B
  - Received: 1349
  - Calculate G<sub>ab</sub>: 0
- Bob's Side:**
  - Key: 2246 (with "Generate B" button)
  - 1349 (with "Calculate Gb" button)
  - Send G<sub>b</sub> to A
  - Received: 2938
  - Calculate G<sub>ba</sub>: 4331

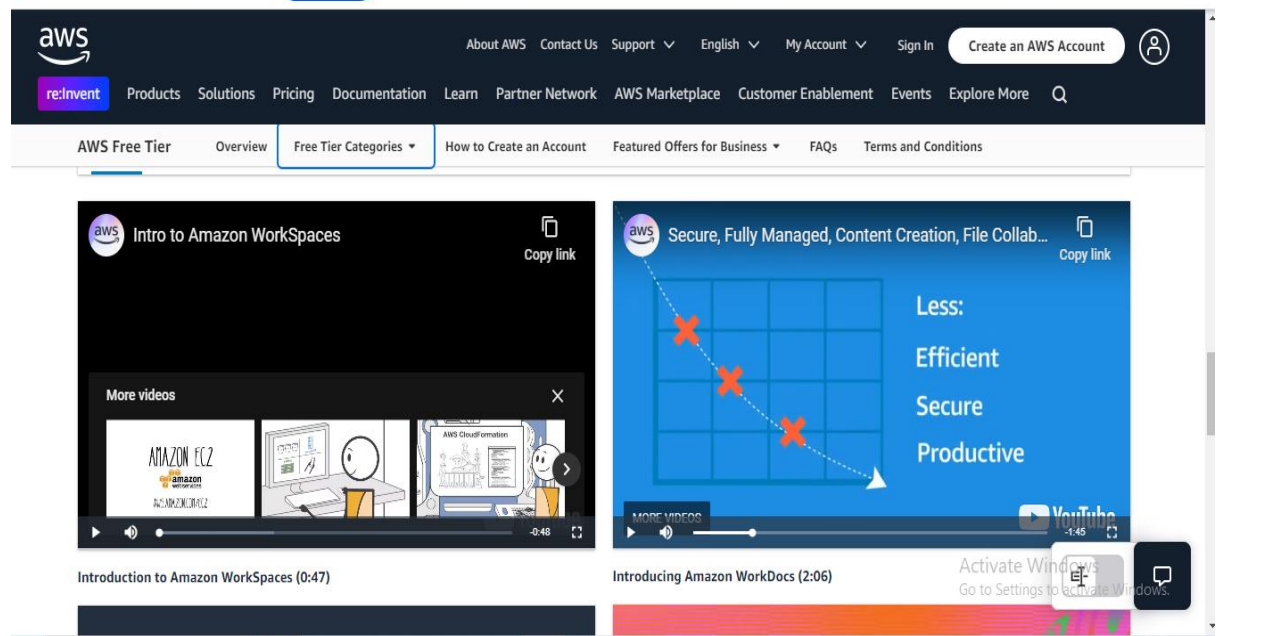
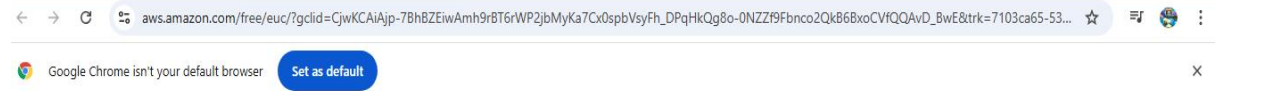
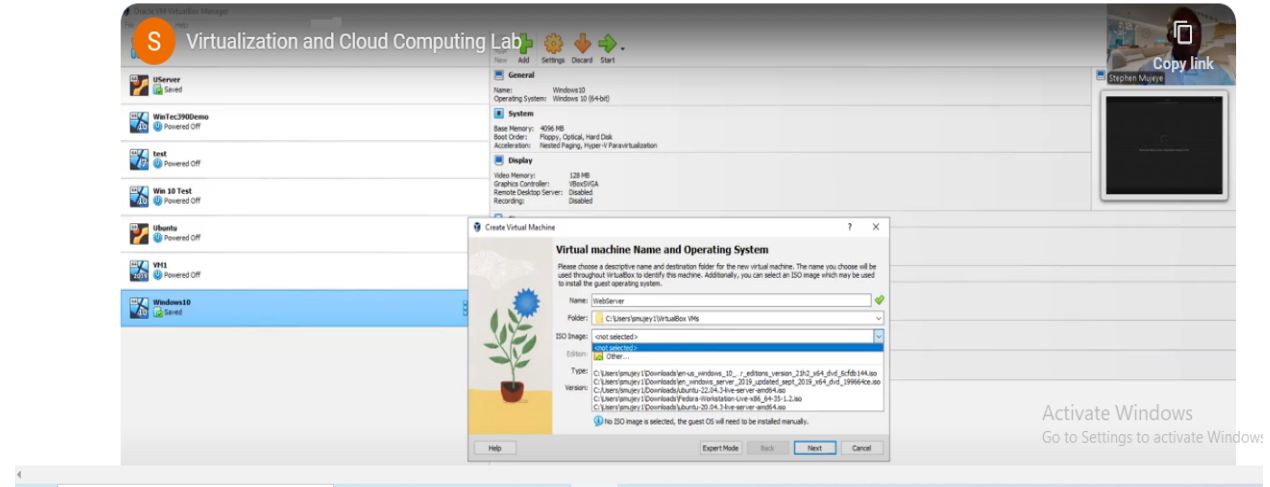
# Cloud Computing



## Virtualization and Cloud Computing Lab

YouTube · Stephen Mujeje

YouTube



# Data Structures

ds1-iiith.vlabs.ac.in/exp/bubble-sort/bubble-sort/bsdemo.html

Bubble Sort

Instructions

15 21 24 24 25 56 61 77 83 98

Observations

The sort is complete - there were 90 comparisons and 29 swaps.

Min. Speed Max. Speed

Next Reset Pause

## NPTEL session

# Data Structures

archive.nptel.ac.in/courses/106/102/106102064/

NPTEL

About us Courses Contact us

Courses Computer Science and Engineering Data Structures And Algorithms (Video) Syllabus Co-ordinated by : IIT Delhi

Available from : 2009-12-31 Lec : 6

Modules / Lectures

Data Structures And Algorithms

- Introduction to Data Structures and Algorithms
- Stacks
- Queues and Linked Lists
- Dictionaries
- Hashing
- Trees
- Tree Walks / Traversals
- Ordered Dictionaries

Watch on YouTube Transcripts Books

Lecture - 6 Trees Examples of Binary Trees

decision trees

```
graph TD
    Q1[What a fast one?] -- YES --> Q2[How about coffee?]
    Q1 -- NO --> Q3[Are you willing to splurge?]
    Q2 -- YES --> S1[Starbucks]
    Q2 -- NO --> Q4[Do you like free samples?]
    Q3 -- YES --> S2[Al Fresco]
    Q3 -- NO --> S3[Cafe Panache]
    Q4 -- YES --> S4[Ear Side Products]
    Q4 -- NO --> S5[Spoke's]
```

15:04 / 43:13

# Cloud Computing

cloud computing swayam npTEL x NPTEL - Computer Science x Cloud computing - Course x +

archive.nptel.ac.in/courses/106/105/106105167/

**NPTEL** About us Courses Contact us

Courses Computer Science and Engineering NOC:Cloud computing (Video) **Syllabus** Co-ordinated by : IIT Kharagpur

Available from : 2017-06-08 Lec :36

Modules / Lectures
Intro Video
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8

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Introduction to DOCKER Container  
"DOCKER"  
Share

Static website  
Web frontend  
Background workers  
User DB  
Analysis DB  
Queue

IIT KHARAGPUR NPTEL ONLINE CERTIFICATION COURSES

13:16 / 33:46 YouTube

# Computer

# Networks

NPTEL - Computer Science x +

archive.nptel.ac.in/courses/106/105/106105183/

**NPTEL** About us Courses Contact us

Courses Computer Science and Engineering NOC:Computer Networks and Internet Protocol (Video) **Syllabus**

Co-ordinated by : IIT Kharagpur Available from : 2018-04-26 Lec :8

Modules / Lectures
Intro Video
MODULE 1
MODULE 2
Lecture 6: Application Layer II डोमेन, डोमेन नाम सिस्टम
Lecture 7: Application Layer III वेब, वेब The Web
Lecture 8: Application Layer III हाइपरटेक्स्ट ट्रांसफर प्रोटोकॉल
Lecture 9: Application Layer III ईमेल, ईमेल Internet Mail Transfer
Lecture 10: Application Layer IV फाइल ट्रांसफर (FTP)

**Watch on YouTube** Video Assignments Download Videos Transcripts Books

HTTP Client (Browser)

Browser

Controller

HTML

JavaScript

Java

Interpreters

HTTP

FTP

TELNET

SMTP

IIT KHARAGPUR NPTEL ONLINE CERTIFICATION COURSES

Ref: Data Communication

# Artificial Intelligence and Machine Learning

The screenshot shows the NPTEL website interface. The browser address bar displays `nptel.ac.in/courses/106105077`. The navigation menu includes 'Initiatives', 'Programs', 'NPTEL STARS', 'NPTEL Testimonials', 'Help Videos', and 'More'. A 'Log In' button is visible in the top right. The left sidebar shows a 'Course Details' section with a tree view under 'Artificial Intelligence', where 'Introduction to Artificial Intelligence' is selected. The main content area displays the course title 'Introduction to Artificial Intelligence', 'Lec.no: 1', and a 'Next Lecture' button. A video player is embedded, showing a slide titled 'Limits of AI Today' from the Indian Institute of Technology, Kharagpur. The slide lists two categories of AI systems: 'Today's successful AI systems' (operating in well-defined domains and employing narrow, specialized knowledge) and 'Commonsense Knowledge' (needed in complex, open-ended worlds and understanding unconstrained natural language).

## Online Compilers

# Problem Solving and Python Programming

The screenshot shows the Programiz Python Online Compiler interface. The browser address bar displays `programiz.com/python-programming/online-compiler/?ref=8a9838f7`. The Programiz logo and 'Python Online Compiler' text are visible. The main editor area shows a file named 'main.py' with the following Python code:

```
1 # Python Program to find the area of triangle
2
3 a = 5
4 b = 6
5 c = 7
6
7 # Uncomment below to take inputs from the user
8 # a = float(input('Enter first side: '))
9 # b = float(input('Enter second side: '))
10 # c = float(input('Enter third side: '))
11
12 # calculate the semi-perimeter
13 s = (a + b + c) / 2
14
15 # calculate the area
16 area = (s*(s-a)*(s-b)*(s-c)) ** 0.5
17 print('The area of the triangle is %.2f' %area)
```

The 'Run' button is highlighted in blue. The 'Output' panel on the right shows the result: 'The area of the triangle is 14.70' and '--- Code Execution Successful ---'. A vertical toolbar on the left contains icons for file operations and language selection (JS, PHP).



w3schools.com/python/python\_compiler.asp

W3schools Tutorials Exercises Certificates Services Search... For Teachers Spaces Get Certified Sign Up Log in

HTML CSS JAVASCRIPT SQL **PYTHON** JAVA PHP HOW TO W3.CSS C C++ C# BOOTSTRAP REACT MYSQL JQUERY EXCEL XML

Python Compiler

## Python Compiler (Editor)

With our online Python compiler, you can edit Python code, and view the result in your browser.

```
print("Hello, World!")

x = "Python"
y = "is"
z = "awesome"
print(x, y, z)
```

Hello, World!  
Python is awesome

Try it Yourself »

Click on the "Try it Yourself" button to see how it works.

LEARN PYTHON  
GET CERTIFIED  
CHECK IT OUT!

## Programming in C

onlinegdb.com/online\_c\_compiler#

Run Debug Stop Share Save Beautify Language C

```
main.c
1- /*****
2
3      Online C Compiler.
4      Code, Compile, Run and Debug C program online.
5      Write your code in this editor and press "Run" button to compile and execute it.
6
7      *****/
8
9 #include <stdio.h>
10
11 int main()
12 {
13     printf("Hello World");
14
15     return 0;
16 }
```

input

Hello World

...Program finished with exit code 0  
Press ENTER to exit console.

# Digital Library Resources

## Data Structures

National Digital Library of India » » Browse » English » data structures » Search » Log-in

71,962 resources found

- Access Restriction
- Author
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- Education Level
- Educational Use
- Language
- Resource Type
- Content Provider
- Content Type

Language	Content Provider	Author	Description
Manipuri	Spoken Tutorial	Moudgalya, Kannan M.	Perl provides 3 types of data structures.-->1. Scalar--> This is the basic data structure in PERL--> It is as good as defining variables in Perl.--> e.g \$variable = 9;-->2. Array--> It is an ordered collection of data.--> It contains elements of any type.--> e.g @array = (1, 5, 6, 'abc', 7);-->3. Hash--> ... <a href="#">Show More</a>
English	Spoken Tutorial	Moudgalya, Kannan M.	Perl provides 3 types of data structures.-->1. Scalar--> This is the basic data structure in PERL--> It is as good as defining variables in Perl.--> e.g \$variable = 9;-->2. Array--> It is an ordered collection of data.--> It contains elements of any type.--> e.g @array = (1, 5, 6, 'abc', 7);-->3. Hash--> ... <a href="#">Show More</a>
Tamil	Spoken Tutorial	Moudgalya, Kannan M.	Perl 3 வகை data structureகளை வழங்குகிறது.-->1. Scalar--> PERL ல் இதுதான் அடிப்படை data structure.--> இது Perl ல் variable ஐ declare செய்வது போன்று கலப்படமாந்து --> எ.கா \$variable = 9;-->2. Array--> இது data ன் ஒரு ஒழுங்கமைக்கப்பட்ட தொகுப்பு--> இது எந்த வகை elementகளையும் கொண்டிருக்கும்--> எ.கா @array ... <a href="#">Show More</a>
Khasi	Spoken Tutorial	Moudgalya, Kannan M.	Ka Perl ka ai 3 jait ki data structures.-->1. Scalar--> Kane kadei ka data structure ba donkam duh ha ka PERL.--> Ka biang kumba long lem ha kaban define ia ki variables ha ka Perl.--> Kum ka nuksa. \$variable = 9;-->2. Array--> Kadei ka jingbuh ryntih ia ka jinglum thup ia ka data.--> Kadon ia ki elements ... <a href="#">Show More</a>

## Algorithms

National Digital Library of India » Content » Similar Resources » Metadata » Log-in » Full

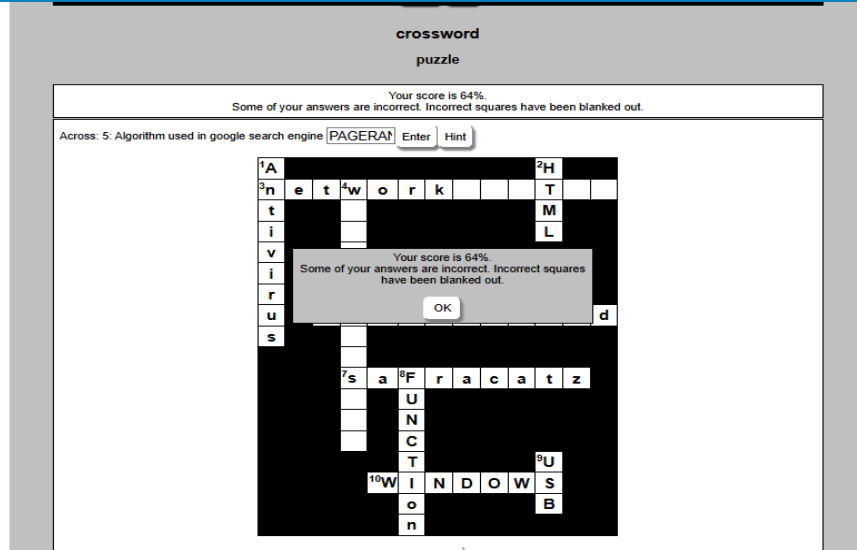
### Similar Documents

	All Pair shortest path Floyd-Warshall Algorithm Video Lecture		LECTURE-V: Graphs-V -- Shortest Path in Graphs Video Lecture		LECTURE-III: Graphs-III -- Traversal of Directed Graphs Video Lecture
	LECTURE-IV: Graphs-IV -- Minimum Spanning Trees of Graphs Video Lecture		LECTURE-I: Graphs-I -- Introduction to Graphs Video Lecture		LECTURE-II: Graphs-II -- Traversal of Undirected Graphs Video Lecture
	LECTURE-IX: Graphs : Doubt Clearing Session Video Lecture		LECTURE-VIII: String Matching Algorithms Video Lecture		A Simplified Approach to Data Structures: Application of the Graph Presentation

# Activities

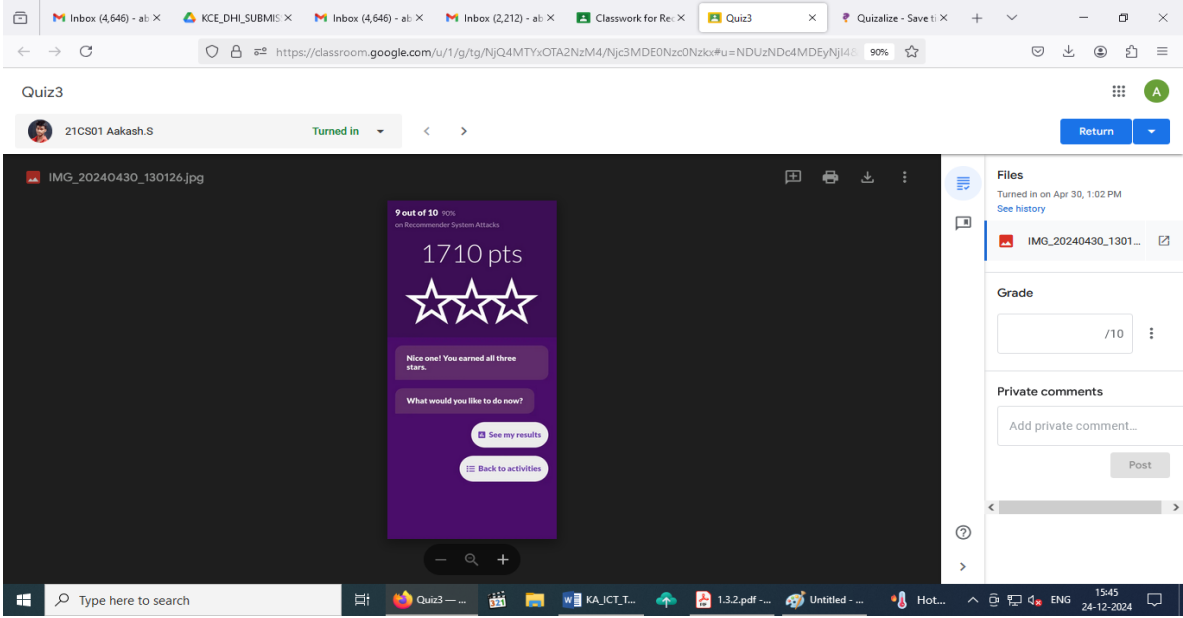
## Crossword

KCE\_CSE\_ILIIEI





## QUIZALIZE TOOL BASED RESPONSE FROM STUDENT



Classroom > Recommender Systems  
2023-24-EVEN

Instructions Student work

Return 10 points

All students

Sort by status

Turned in	Student Name	Score
<input type="checkbox"/>	21CS01 Aakash.S	10
<input type="checkbox"/>	21CS15 Gowrishangari.R	10
<input type="checkbox"/>	21CS18 Harini.V	10
<input type="checkbox"/>	21CS31 Mathesh.krishna...	10
<input type="checkbox"/>	21CS34 Muruganantham.P	10

Grid of student submissions:

- 21CS42 Pragathi.v: Screenshot (7).png Turned in
- A Mohamed Asick: IMG-20240430-WA00... Turned in
- AK ASHOK KABADDI: ak.png Turned in
- ARAVIND S: Screenshot 2024-04-2... Turned in
- ARUL B: Screenshot (1).png Turned in
- Ashvitha.D: 2 attachments Turned in
- Asma.s 21cs08: quiz 1.png Turned in
- Dhevadharshini.M: Screenshot (5).png Turned in
- Gayathiri S: Screenshot (16).png Turned in
- HARI PRASATH S: Screenshot\_2024043... Turned in
- J KEERTHANA: [Screenshot] Turned in
- Johara Kani.s: [Screenshot] Turned in
- Mahesthwari D: [Screenshot] Turned in
- Manibharathi V.S: [Screenshot] Turned in
- Mohamed Gani: [Screenshot] Turned in

Quiz2

Sowmiya.PJ Turned in

Return

Screenshot (7).png

Files: Turned in on Apr 30, 12:31 PM. See history. Screenshot (7).png

Grade: /10

Private comments: Add private comment... Post

Quiz Content:

Q 10/10 Score 2000

ANSWER THE QUIZ TO CONTINUE

22 points

What is a form of attack on recommender systems that involves an attacker intercepting and modifying communication between users and the system?

Your answer is correct!

Man-in-the-middle attacks

Your score 200 Your time 0s Next

# Quizizz tool

The screenshot shows a Google Classroom page for a course named 'Recommender Systems' (2023-24-EVEN). The main content is a quiz titled 'Unit1- Quiz on RS' created by Abhirami K on Feb 7 (last edited Apr 3). The quiz is worth 15 points and is due on Apr 5. Below the quiz title, there is a section for 'Students' with the instruction 'Attend the quiz'. A link to the Quizizz platform is provided: 'Quizizz | Free Online Quizze...' with the URL 'https://quizizz.com/pro/join?gc=79'. There is also a 'Class comments' section with a text input field and a submit button. The browser's address bar shows the URL 'https://classroom.google.com/u/1/c/NjQ4MTYxOTA2Nm4/a/NjYyMjg1NjY3NzY2/details'. The Windows taskbar at the bottom shows the search bar and several open applications including 'Unit1- Qu...', 'KA\_ICT\_T...', '1.3.2.pdf...', and 'Untitled - ...'. The system tray shows the time as 15:52 on 24-12-2024.



Join a Quizizz activity - Enter code: X Live Dashboard - Running X  
 quizizz.com/admin/quiz/6524fb44c0d6ae1e661a0549/startIV4?fromBrowserLoad=true

**Quizizz** 766 988 [Pause] [End]

64 Players **Leaderboard** Show only top 5

Rank	Name	Score	Progress
1	Cs.Rathimeena Arj college	7790	0/10
2	Shrinithi GCET	7770	0/10
3	JEGANEESHWARAN S	7470	0/10
4	Bhuvaneshwari ksk	7430	0/10
5	A. AUGASTIN SJCET	6870	1/10
6	Praba. C Sjcet	6830	0/10

1	Cs.Rathimeena Arj college	7790	36% (9 / 25 pts)	
5	VIJAY RAJ B J (K...	7760	40% (10 / 25 pts)	
6	JEGANEESHWARA...	7470	36% (9 / 25 pts)	
7	Bhuvaneshwari ks...	7430	36% (9 / 25 pts)	
8	Dharshani-GCE, Th...	7000	36% (9 / 25 pts)	
9	A. ALGASTIN SJC...	6870	36% (9 / 25 pts)	
10	Praba. C Sjcet	6830	32% (8 / 25 pts)	
11	T. Savitri. S...	6720	32% (8 / 25 pts)	
12	Devadharshini R...	6710	32% (8 / 25 pts)	
13	Banupriya S	6690	32% (8 / 25 pts)	
14	Thirumalai B KSK	6560	36% (9 / 25 pts)	
15	Kamalesh S	6440	32% (8 / 25 pts)	
16	ABDUR RAZZAK S...	6430	36% (9 / 25 pts)	
17	SRIRAM (k.s.k CE...	6400	32% (8 / 25 pts)	
18	Pranav karthik g...	6370	28% (7 / 25 pts)	

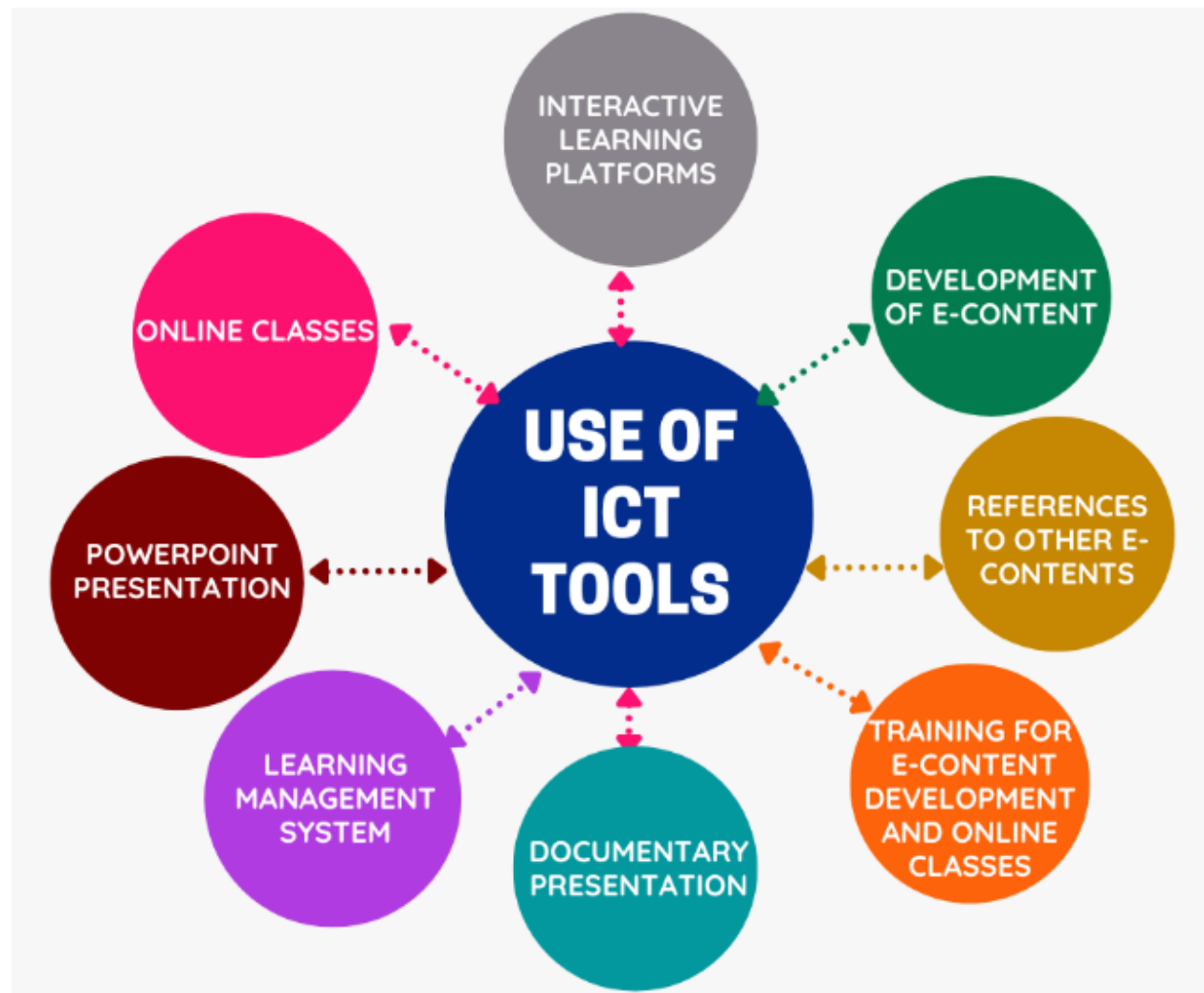
**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**ACADEMIC YEAR**

**2023-2024**



# ICT TOOLS





## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ACADEMIC YEAR 2023-2024

#### Subject: Transducer Engineering

Classroom > TRANSDUCER ENGINEERING  
VII SEM- ECE 2020-24

Home | Calendar | Teaching | To review

- Mr.R.Thandayuthapani II AIDS
- IoT Concepts and Applicati... IV MECHANICAL
- DPCO
- TRANSDUCER ENGINEERING VII SEM- ECE 2020-24**
- SATELLITE COMMUNICATI... VIII SEM
- TE IV ECE 2022-23 ODD
- CLASS COORDINATOR III E... III ECE 2021-22 EVEN
- AU Exam ND21 - (Batch 201...
- Second EEE Kings - 2017 R Nov Dec 2021
- EDC II EEE 2021-22 Mr.R.THANDAYUTHAPANI, AP/E...
- MPMC III CSE 2021-22 Mr.R.THANDAYUTHAPANI

Stream | Classwork | People | Grades

# TRANSDUCER ENGINEERING

VII SEM- ECE 2020-24

Class code: **3vb6fuh**

Announce something to your class

Thandayuthapani R posted a new assignment: PCE ACTIVITY  
Sep 10, 2023

1 class comment

Thandayuthapani R posted a new material: Unit IV handwritten notes  
Aug 14, 2023

Thandayuthapani R posted a new material: e-MATERIAL  
Jul 28, 2023

Upcoming: No work due soon. [View all](#)

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Stream | **Classwork** | People | Grades

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- Unit IV handwritten notes Posted Aug 14, 2023
- e-MATERIAL Posted Jul 28, 2023
- e-BOOK 2 Posted Jul 28, 2023
- e-BOOK Posted Jul 28, 2023
- TE QUESTION BANK Posted Jul 28, 2023

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- MPMC III CSE 2021-22 Mr.R.THANDAYUTHAPANI

Teachers

- Thandayuthapani R

Students 42 students

Actions

- \_krithick
- 02 - L Sam
- 06\_DEEPAK RAJ
- 11\_Hariharan DS
- 19-028 Kumaresh.A
- 30 S.Sathish Kannan

## Subject: Digital Principles and Computer Organization

Classroom > DPCO

Stream **Classwork** People Grades

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- MPMC III CSE 2021-22 Mr.R.THANDAYUTHAPANI

Enrolled

DPCO

Class code: 45belup

Upcoming: No work due soon

Announce something to your class

hi guy

Add class comment...

22 cse 16 gayathri Dec 19, 2023

4x2encoder  
22csgayathri

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  - IoT Concepts and Applicati... IV MECHANICAL
  - DPCO**
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Posted Nov 23, 2023 ⋮
  - 📄
Posted Nov 20, 2023 ⋮
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Posted Oct 8, 2023 ⋮
  - 📄
Posted Sep 28, 2023 ⋮
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- Enrolled
  - To-do

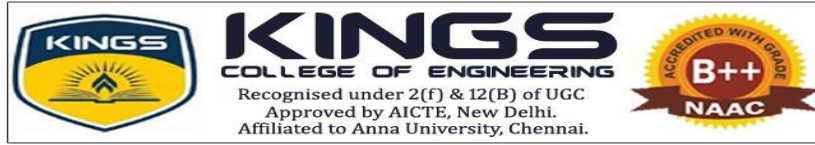
### Teachers 👤

- T
Thandayuthapani R

### Students 👤

43 students

- Actions ⋮
- 11\_CSE Bhuvaneshwari B ⋮
- 22 cs 45 pradheesha ⋮
- 22 CSE 07 Archana .s ⋮
- 22 cse 13 R.Dhanyalakshmi ⋮
- 22 cse 14 Dharshini ⋮
- 22 cse 16 gayathri ⋮
- 22 CSE 17 Durga Devi N ⋮



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

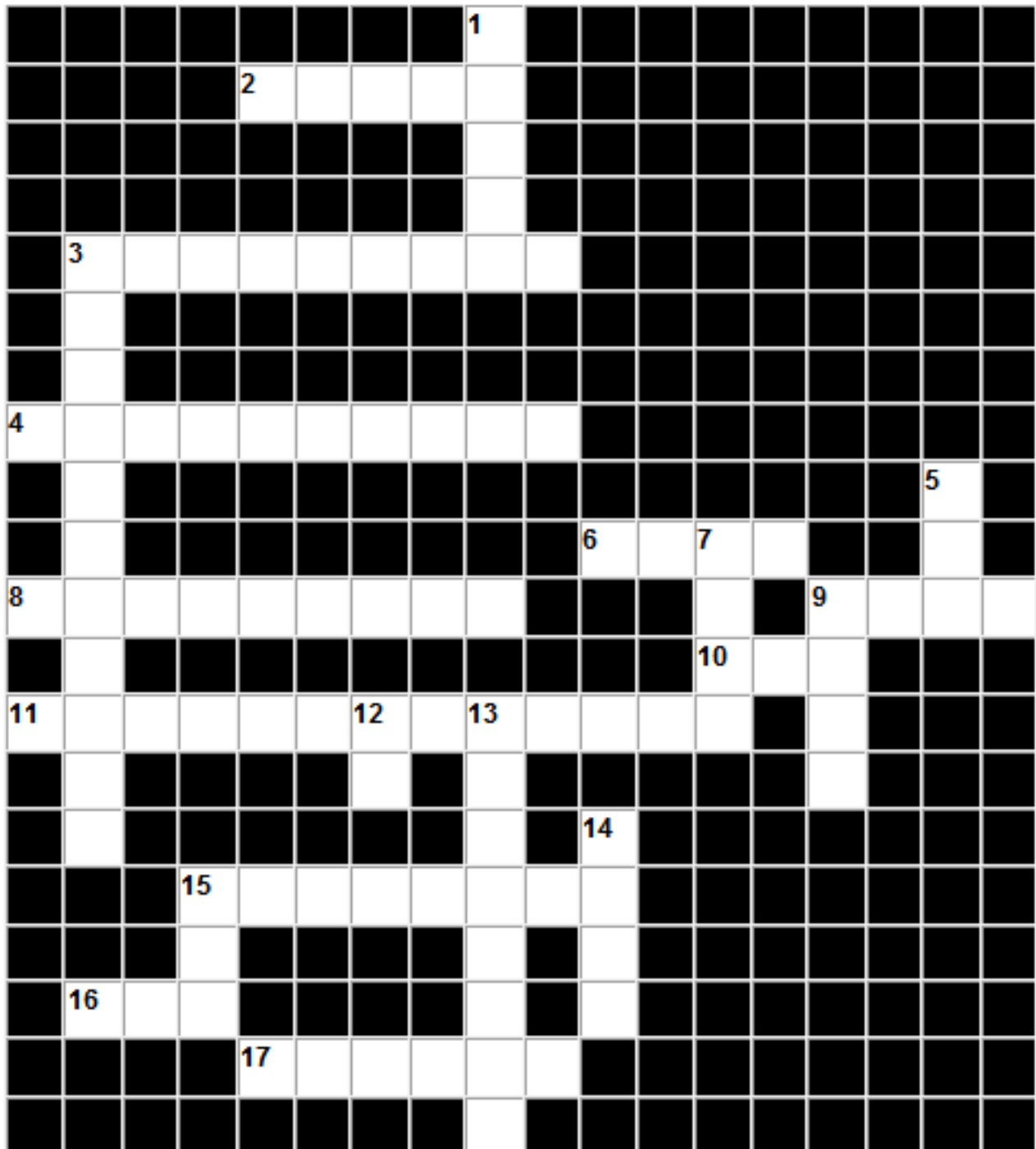
ACADEMIC YEAR 2023-2024

Subject: Basic Electrical and Electronics Engineering



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						M	O	S	F	E	T								
										L									

# CROSSWORD PUZZLE ON MOSFET



**Across:**

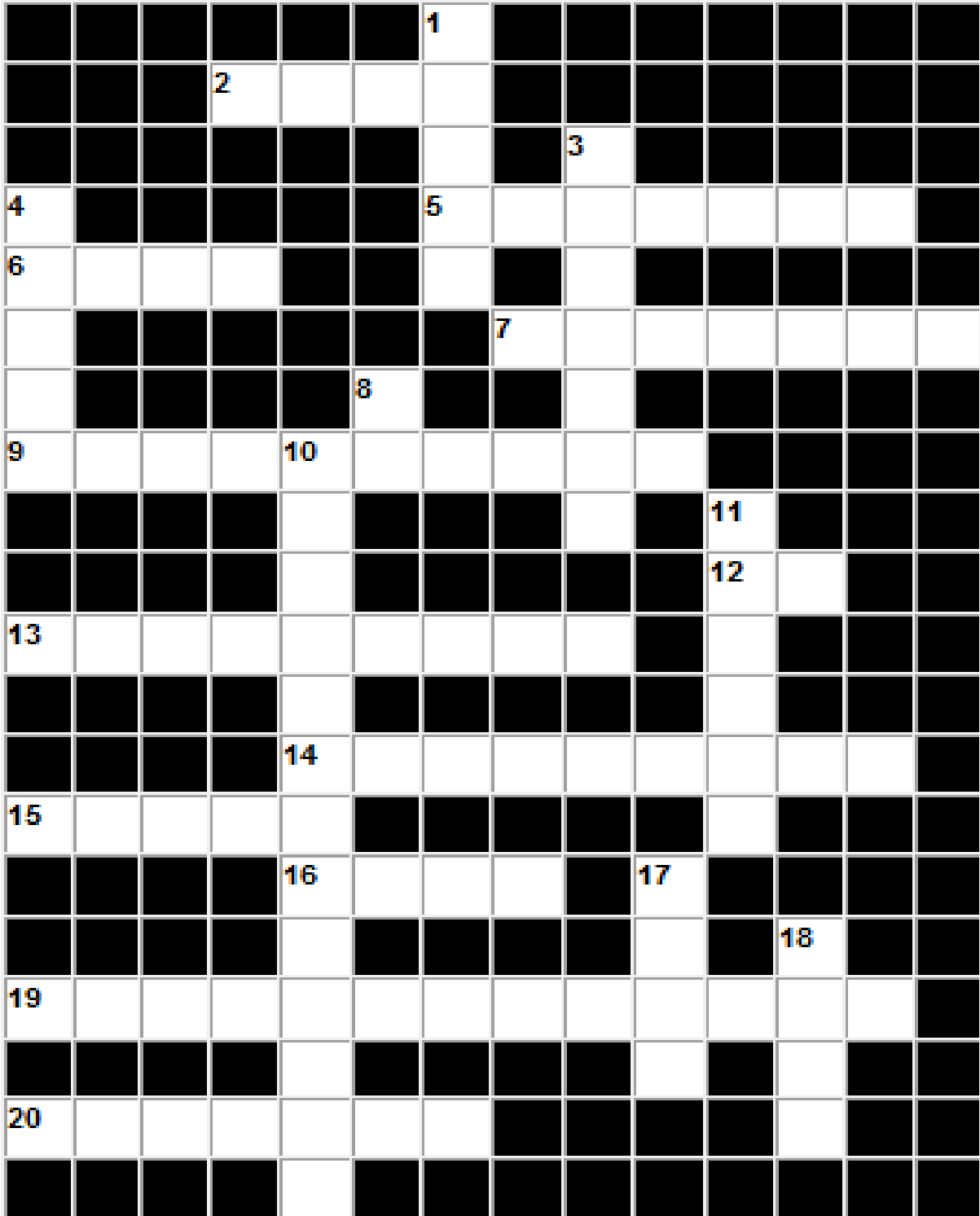
- 2** .....MOSFET is a device evolved from MOS integrated technology.
- 3** The arrow on the symbol of MOSFET indicates the direction of .....
- 4** The operating regions of MOSFET are Cut-Off Region, Ohmic Region and ..... Region.
- 6** MOSFET is designed to overcome ..... drain resistance.
- 8** The 2 modes of operation are enhancement mode and ..... mode
- 9** The switching speed of MOSFET is .....
- 10** How many modes of operation are there in MOSFET?
- 11** In which mode , channel is diffused between the source and drain.
- 15** MOSFET has..... input impedance
- 16** Can MOSFET be fabricated on a single chip?
- 17** The fastest switching device is .....

**Down:**

- 1** In the internal structure of a MOSFET, a parasitic BJT exists between the SOURCE AND ..... TERMINALS.
- 3** In which mode , There is no channel in between Source and drain. .... mode
- 5** The output characteristics of a MOSFET, is a plot of  $I_d$  as a function of  $V_{ds}$  with ..... as a parameter.
- 7** The 3 terminals of P-Type MOSFET are Drain, source and.....
- 9** How many terminals are there in MOSFET?
- 12** The controlling parameter in MOSFET is .....
- 13** Depletion mode is classified into P-channel and .....
- 14** MOSFET have .....Offset Voltage.
- 15** The MOSFET combines the areas of field effect..... technology.

PCE ACTIVITY- CROSS WORD PUZZLES ON BJT

Crossword



Across:

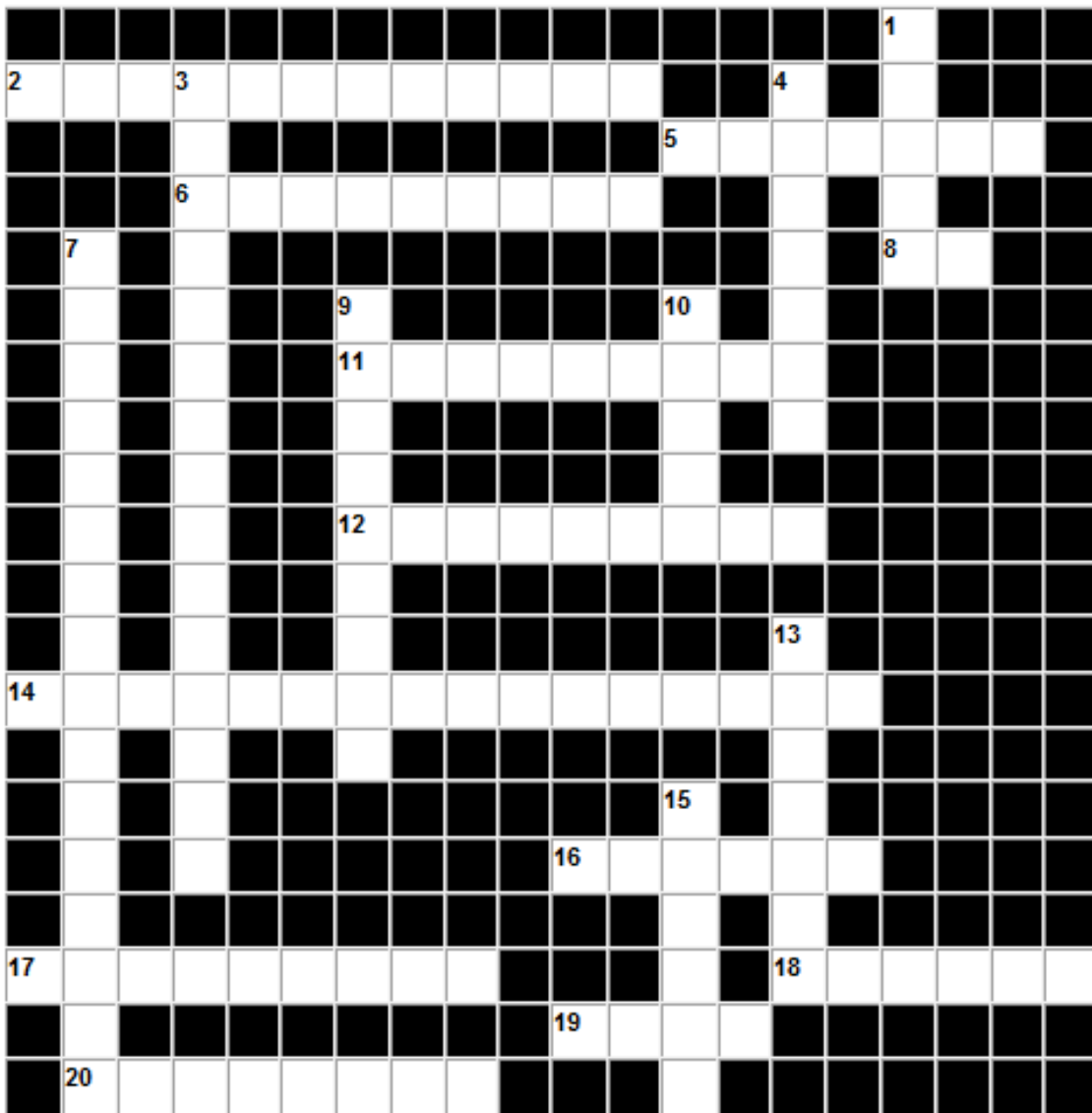
Down:



- 2** When there is no base current in a transistor switch, the output voltage from the transistor is .....
- 5** A circuit with a fixed emitter current is called ..... bias.
- 6** If the base resistor is ....., then the collector current will be zero.
- 7** The base of an NPN transistor is thin and ..... doped
- 9** If the base resistor is very small, the transistor will operate in the ..... region.
- 12** If the base supply voltage increases, the q point moves .....
- 13** Most of the electrons in the base of an NPN transistor flow into the.....
- 14** Who invented the first junction transistor?
- 15** A transistor acts like a ..... and a current source.
- 16** The current gain of a transistor is defined as the ratio of the collector current to the .....current
- 19** The emitter diode is usually .....
- 20** BJT is a ..... controlled device
- 1** A transistor has how many doped regions
- 3** Which depletion layer has 0.7 V as barrier potential.
- 4** In an NPN transistor, the majority carriers in the base are .....
- 8** If the base current is 100 Ma and the current gain is 30, the collector current is .....
- 10** For normal operation of the transistor, the collector diode has to be .....
- 11** The base emitter voltage is usually less than the base ..... voltage
- 17** The transistor will Amplify ..... signals
- 18** If the base resistor is open, what is the collector current?

## PCE ACTIVITY - CROSS WORD PUZZLES ON DIODES

### Crossword



**Across:**

- 2 A 10 V power supply would use .....capacitor as filter capacitor.
- 5 For the same secondary voltage, the output voltage from a centre-tap rectifier is ..... than that of bridge rectifier
- 6 A crystal diode is a ..... device

**Down:**

- 1 A zener diode has .....breakdown voltage
- 3 In the breakdown region, a zener diode behaves like a .....source.
- 4 A zener diode is always .....connected.

8 A crystal diode has one ..... junction

11 In N type semiconductor the majority charge carriers are .....

12 If the temperature of a crystal diode increases, then leakage current .....

14 A zener diode is used as a.....

16 When the graph between current through and voltage across a device is a straight line, the device is referred to as .....

17 When a crystal diode is used as a rectifier, the most important consideration is .....

18 The process of adding impurity to the intrinsic semiconductor is called--.....

19 If the a.c. input to a half-wave rectifier is an r.m.s value of  $400/\sqrt{2}$  volts, then diode PIV rating is .....

20 The d.c. resistance of a crystal diode is .....its a.c. resistance

7 The knee voltage of a crystal diode is approximately equal to .....

9 A crystal diode is used as a.....

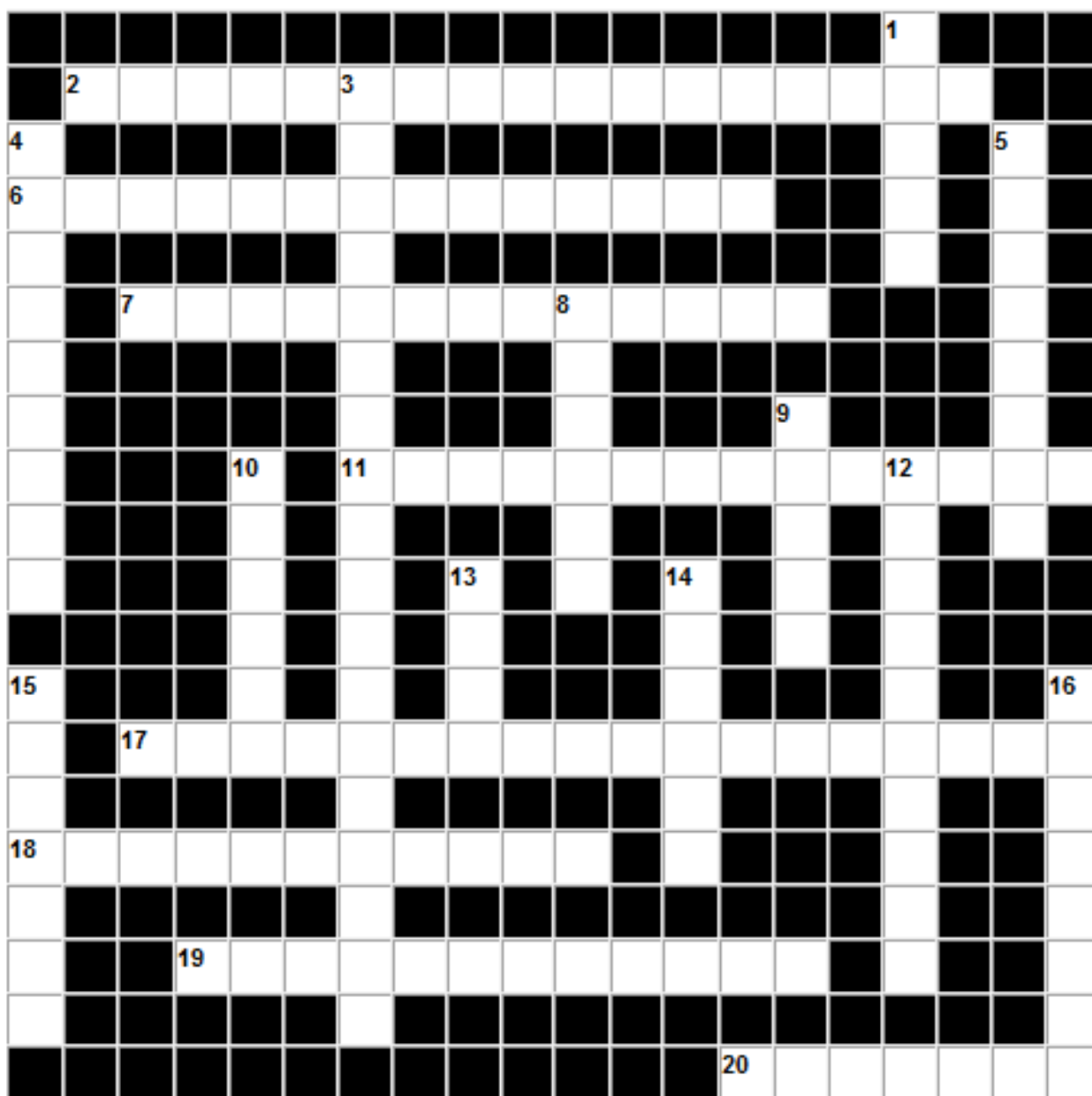
10 In p-type semiconductor, the majority charge carriers are.....

13 If the arrow of crystal diode symbol is positive w.r.t. bar, then diode is \_\_\_\_\_ biased.

15 Specification of pn junction diode is .....

# PCE ACTIVITY - CROSS WORD PUZZLE ON ELECTRIC CIRCUITS.

## Crossword



**Across:**

- 2** A supernode is situated between ....
- 6** The input applied to an Inverting amplifier is equal to -
- 7** The symbol Q refers to the
- 11** Mesh analysis is suitable for .....
- 17** A voltage equal to thevenin's voltage is
- 18** Network is designed with ..... to obtain high efficiency.
- 19** The basic laws for analyzing an electric circuit.
- 20** An instrument used to measure electric current .

**Down:**

- 1** There are 13 branches in a complicated network and nearly 8 nodes. .... equations are required to solve the circuit in node-voltage method?
- 3** The other name of relative permittivity is
- 4** Source transformation is
- 5** A tank circuit is a ..... LC circuit
- 8** The S.I. Unit of Electric Current is-----
- 9** 20. The rate at which workdone by electrical energy per unit time is called the .....
- 10** symbol used for representing the Independent sources
- 12** The opposing capacity of materials, against the current flow.
- 13** How many types are the dependent sources?
- 14** A component that is used to close or break a circuit is-----
- 15** The specific resistance of a pure germanium
- 16** A component which provides resistance is called

**DEPARTMENT OF  
ELECTRICAL &  
ELECTRONICS ENGINEERING**

**ACADEMIC YEAR**

**2023-2024**

**ICT TOOLS FOR EFFECTIVE TEACHING  
LEARNING PROCESS**



# GOOGLE MEET:

The screenshot shows a Google Meet window with the following elements:

- Top Bar:** Browser tabs for 'gmail - Search', '(no subject) - naveeneee.kcc', 'Meet - nxc-zggd-omx', 'New tab', and 'PST CM.pdf'. The address bar shows 'https://meet.google.com/nxc-zggd-omx'.
- Main Content:** A presentation slide titled 'Naveen Prakash (You, presenting)'. The slide content is a smaller version of the Google Meet interface shown in the screenshot above.
- Right Sidebar:**
  - People:** 'Add people' button, search bar, and a list of participants. 'Devatharshan T' is listed under 'IN MEETING' with a 'Raised hands' indicator (1).
  - Contributors:** A list of 23 contributors, including 'Naveen Prakash (You) Meeting host' and 'Naveen Prakash Your presentation'.
- Bottom Bar:** Meeting controls including 'Stop presenting', 'Stop sharing', 'Hide', and 'Activate Windows' notification.
- System Tray:** Shows '100°F Mostly cloudy', search bar, and system clock '3:35 PM 9/6/2024'.

The screenshot shows a PDF document with the following content:

Taking Laplace transform on both sides of equation (2), we get,

$$Ri(s) + L[s i(s) - i(0)] = V_m \left( \frac{\omega}{s^2 + \omega^2} \cos \theta + \frac{s}{s^2 + \omega^2} \sin \theta \right) \dots \dots \dots (3)$$

$$\therefore L(\sin \omega t) = \frac{\omega}{s^2 + \omega^2} \text{ and } L(\cos \omega t) = \frac{s}{s^2 + \omega^2}$$

Assume zero initial conditions, i.e.,  $i(0) = 0$

$$\therefore R i(s) + L s i(s) = V_m \left[ \frac{\omega}{s^2 + \omega^2} \cos \theta + \frac{s}{s^2 + \omega^2} \sin \theta \right]$$

$$i(s)[R + sL] = V_m \left[ \frac{\omega}{s^2 + \omega^2} \cos \theta + \frac{s}{s^2 + \omega^2} \sin \theta \right]$$

$$i(s) \left[ L \left( s + \frac{R}{L} \right) \right] = V_m \left[ \frac{\omega}{s^2 + \omega^2} \cos \theta + \frac{s}{s^2 + \omega^2} \sin \theta \right]$$

$$i(s) = \frac{V_m \left[ \frac{\omega}{s^2 + \omega^2} \cos \theta + \frac{s}{s^2 + \omega^2} \sin \theta \right]}{L \left( s + \frac{R}{L} \right)}$$


The PDF is viewed in a browser with the address bar showing 'E:/Naveen%2013.2.24/RET%2024-25/PST%2024-25%20CM%20Files/PST%20CM.pdf'. The bottom of the page shows a system tray with 'USD/CNY -0.12%' and '3:25 PM 9/6/2024'.



# GOOGLE CLASSROOM:

Classroom > EE3011 - MULTILEVEL POWER CONVERTER

Stream Classwork People Marks



## EE3011 - MULTILEVEL POWER CONVERTER

Class code: **prioe3z**

Announce something to your class

Upcoming: No work due in soon. [View all](#)

This is where you can talk to your class. Use the stream to share announcements, post assignments and respond to student questions. [Stream settings](#)

Activate Windows. Go to Settings to activate Windows.


Classroom > BE3254 - ELECTRICAL & INSTRUMENTATION ENGINEER...

Home Calendar Teaching To review

- GE3791 Human Values & Ethics Batch: 2021-25
- EE3011 - MULTILEVEL POWER...
- BE3254 - ELECTRICAL & INST...**
- EE3037 Power System Transi... III EEE / V Semester
- EE8701 - High Voltage Engine... IV EEE - VII Semester

Archived classes Settings

Stream Classwork People Marks



## BE3254 - ELECTRICAL & INSTRUMENTATION ENGINEER...

Class code: **euhpili**

Announce something to your class

Karthikeyan S.R posted a new question: Revision Class Test Questions 20 Jun

Upcoming: No work due in soon. [View all](#)

Karthikeyan S.R 27 May  
Tomorrow (28/5/24) E&IE revision test topic is "ELCB"

Activate Windows. Go to Settings to activate Windows.

# GOOGLE FORM:

42 responses

View in Sheets

Accepting responses

Summary

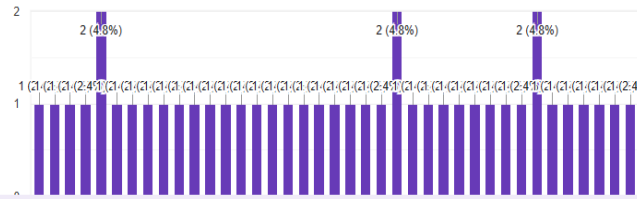
Question

Individual

Roll No

Copy chart

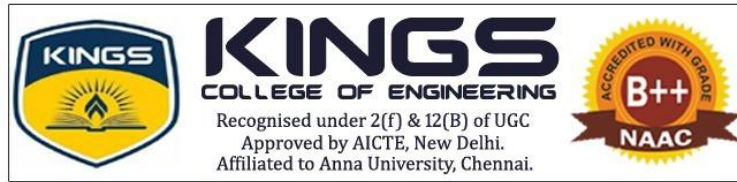
42 responses



Activate Windows  
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# DEPARTMENT OF MECHANICAL ENGINEERING



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR

2023-24

ICT TOOLS FOR EFFECTIVE  
TEACHING LEARNING PROCESS



dashboard.blooket.com/my-sets

**Blooket**

Search your sets...

NelsonRaja

**My Sets**

**Create**

- Discover
- My Sets
- Favorites
- History
- Homework
- Play
- Settings

+ Upgrade to Plus

10 Questions

NPTEL Session on "Intermetallics, Composites, Matrix and Reinforcement"

94 Plays  
Edited a year ago

Assign Host

5 Questions

Content Beyond Syllabus Session on "Learning of Mechanical Links"

50 Plays  
Edited 9 months ago

Assign Host

5 Questions

Beyond The Syllabus

CBS Session on "Composite material and nanoparticles"

47 Plays  
Edited a year ago

Assign Host

4:32 PM 12/18/2024

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Search your sets...

NelsonRaja

**History**

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- History
- Homework
- Play
- Settings

+ Upgrade to Plus

CBS Session on "Composite material and nanoparticles"

Blook Rush 12 12:31 pm, 12/19/23

Delete

NPTEL Session on "Intermetallics, Composites, Matrix and Reinforcement"

Factory 25 10:10 am, 12/16/23

Delete

4:33 PM 12/18/2024

dashboard.blooket.com/homeworks

**Blooket**

**Homework**

**Create**

- Discover
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- Favorites
- History
- Homework**
- Play
- Settings

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NelsonRaja

**Content Beyond Syllabus Session " Building Finishes" HW**  
Tower Defense 2 9 Due 5 months ago Delete

**Basic Civil & Mechanical Engineering - NPTEL Session on "Water Mixture" HW**  
Tower Defense 2 23 Due 5 months ago Delete

Wednesday, December 18, 2024 4:33 PM 12/18/2024

dashboard.blooket.com/history/game/65813fd3c55103b4b9c7535e

**Blooket**

**Create**

- Discover
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- Favorites
- History
- Homework
- Play
- Settings

+ Upgrade to Plus

NelsonRaja

**CBS Session on "Composite material and nanoparticles"**

12/19/23

36 Players

444 Correct

306 Incorrect

59% Correct

Delete

4:34 PM 12/18/2024

classroom.google.com/c/NTMwMDg4ODUyNzk2

Classroom > ME3392-EMM (23-24 ODD)  
II-MECH

Home  
Calendar  
Teaching  
To review  
ME3392 - EMM Academic Year 2024-25 (ODD)  
ME3392-EMM (23-24 ODD) II-MECH  
CME392\_PGED III - MECH  
Archived classes  
Settings

Stream Classwork People Grades

ME3392-EMM (23-24 ODD)  
II-MECH

Meet  
Generate link

Announce something to your class

Nelson raja S posted a new question: Revision Class - 7 (23.01.2024\_AN)  
Jan 10

Class code  
bvxmxb...

6.5.3\_MECH (1).pdf 2.3.1\_MECH (1).pdf ilovepdf\_merged.pdf PCE samples (24-2...pdf PCE samples (24-25).pdf Show all

4:25 PM 12/18/2024

classroom.google.com/w/NTMwMDg4ODUyNzk2/v/all

Classroom > ME3392-EMM (23-24 ODD)  
II-MECH

Home  
Calendar  
Teaching  
To review  
ME3392 - EMM Academic Year 2024-25 (ODD)  
ME3392-EMM (23-24 ODD) II-MECH  
CME392\_PGED III - MECH  
Archived classes  
Settings

Stream Classwork People Grades

+ Create

- Revision Class - 7 (23.01.2024\_AN) Posted Jan 10
- Revision Class - 6 (20.01.2024\_FN) Posted Jan 10
- Revision Class - 5 (19.01.2024\_AN) Edited Jan 10
- EMM Revision Class - IV (09.01.2024\_FN) Posted Jan 8
- EMM Revision Class - III (04.01.2024\_FN) Edited Jan 8
- CAT-II (27.12.2023) Posted Dec 23, 2023
- Revision Class Batch Posted Dec 11, 2023

6.5.3\_MECH (1).pdf 2.3.1\_MECH (1).pdf ilovepdf\_merged.pdf PCE samples (24-2...pdf PCE samples (24-25).pdf Show all

4:25 PM 12/18/2024

classroom.google.com/NTMwMDg4ODUyNzk2/sort-last-name

Classroom > ME3392-EMM (23-24 ODD)  
II-MECH

Home  
Calendar  
Teaching  
To review  
ME3392 - EMM Academic Year 2024-25 (ODD)  
ME3392-EMM (23-24 ODD) II-MECH  
CME392\_PGED III - MECH  
Archived classes  
Settings

Stream Classwork **People** Grades

**Teachers**

- Nelson raja S

**Students** 55 students

Actions Akash Lucien Dupont

6.5.3\_MECH (1).pdf 2.3.1\_MECH (1).pdf ilovepdf\_merged.pdf PCE samples (24-2...pdf PCE samples (24-25).pdf

4:26 PM 12/18/2024

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Classroom > CME392\_PGED  
III - MECH

Home  
Calendar  
Teaching  
To review  
ME3392 - EMM Academic Year 2024-25 (ODD)  
ME3392-EMM (23-24 ODD) II-MECH  
CME392\_PGED III - MECH  
Archived classes  
Settings

Stream **Classwork** People Grades

**CME392\_PGED**  
III - MECH

Meet  
Generate link

Class code  
nifrt23

Announce something to your class

Nithish.R  
Oct 24  
Effective speaking listening skills (certificate 1)

6.5.3\_MECH (1).pdf 2.3.1\_MECH (1).pdf ilovepdf\_merged.pdf PCE samples (24-2...pdf PCE samples (24-25).pdf

4:28 PM 12/18/2024



# QUIZZZ

Quiz Name  
Computer integrated  
manufacturing PCE

Date  
Fri Mar 22 2024 11:48 AM

Hosted by  
Sabanayagam Sundaram

Average Accuracy  
**77%**

Questions per Attempt  
**20**

Number of Players  
**8**

## Overview

#	Question	Question Type	Question Accuracy	Average Time per Question (hh:mm:ss)	Correct	Yet to be graded	Partially correct	Incorrect	Ungraded	Unattempted
1	..... is manufacturing approach of using computers to control the entire production.	Multiple Choice	100%	00:00:18	8	0	0	0	0	0
2	Business integration is concerned with the integration of those functions that....., control and monitor business processes.	Multiple Choice	62%	00:00:19	5	0	0	3	0	0
3	CAM is concerned with ..... of automatic manufacture.	Multiple Choice	75%	00:00:17	6	0	0	2	0	0

4	CAD is a process that uses computers to assist in the creation, ....., analysis, or optimization a product design.	Multiple Choice	88%	00:00:16	7	0	0	1	0	0
5	Business integration is concerned with the integration of those ..... that manage, control and monitor business processes.	Multiple Choice	75%	00:00:16	6	0	0	2	0	0
6	Typically, Computer-integrated manufacturing ..... on closed-loop control processes, based on real time input from sensors.	Multiple Choice	62%	00:00:16	5	0	0	3	0	0
7	Computer-integrated manufacturing (CIM) is the manufacturing approach of ..... Computers to control the entire production process.	Multiple Choice	75%	00:00:20	6	0	0	2	0	0
8	CAD refers to the integration of computers into designed activities by ..... a close coupling between the designer and the computer.	Multiple Choice	88%	00:00:14	7	0	0	1	0	0
9	..... is a process that used computers to assist in the creation, modification, analysis, or optimization a product design.	Multiple Choice	88%	00:00:13	7	0	0	1	0	0
10	..... is responsible for detailed plans for the production of a part or an assembly.	Multiple Choice	62%	00:00:22	5	0	0	3	0	0
11	Computer-integrated manufacturing (CIM) is the ..... approach of using computers to control the entire production process.	Multiple Choice	75%	00:00:21	6	0	0	2	0	0
12	What does CIM reply on?	Multiple Choice	88%	00:00:20	7	0	0	1	0	0
13	What is FMS ?	Multiple Choice	75%	00:00:16	6	0	0	2	0	0
14	What does FMS classify (Flexibility manufacturing system) ?	Check Box	88%	00:00:15	7	0	0	1	0	0

15	What is the integration?	Multiple Choice	62%	00:00:19	5	0	0	3	0	0
16	What is the primary benefit of using Computer-Integrated Manufacturing (CIM)?	Multiple Choice	75%	00:00:24	6	0	0	2	0	0
17	Which of the following best describes the role of CAD in manufacturing?	Multiple Choice	75%	00:00:15	6	0	0	2	0	0
18	What does the acronym FMS stand for in the context of manufacturing?	Multiple Choice	62%	00:00:19	5	0	0	3	0	0
19	Which of the following technologies is primarily used in Computer-Integrated Manufacturing (CIM) to enhance automation?	Multiple Choice	88%	00:00:13	7	0	0	1	0	0
20	What is the main purpose of Computer-Aided Design (CAD) in the manufacturing process?	Multiple Choice	75%	00:00:13	6	0	0	2	0	0
			77%	00:05:37	123	0	0	37	0	0



[View Player Data](#)

[View Time Data](#)

[View Summary](#)

Rank	First Name	Last Name	Total Questions Attempted	Accuracy	Score	Correct	Yet to be graded	Partially correct	Incorrect	Ungraded	Unattempted	Total Time Taken	Started At
1	Eraniyan	K	20	100%	20150	20	0	0	0	0	0	00:06:05	Thu 21 Mar 2024,04:34 PM
2	PRAKASH	K	20	100%	21250	20	0	0	0	0	0	00:06:26	Thu 21 Mar 2024,04:03 PM
3	HEMANATHAN	E	20	100%	21940	20	0	0	0	0	0	00:07:21	Thu 21 Mar 2024,04:20 PM
4	sakthi	ganesh	20	100%	20750	20	0	0	0	0	0	00:08:04	Thu 21 Mar 2024,04:23 PM
5	Jegan	.k	20	100%	20040	20	0	0	0	0	0	00:09:28	Thu 21 Mar 2024,09:35 PM
6	Ramprasad	Ramprasad	20	60%	10980	12	0	0	8	0	0	00:03:14	Thu 21 Mar 2024,06:15 PM
7	Bharani	S	20	30%	5720	6	0	0	14	0	0	00:02:14	Thu 21 Mar 2024,04:02 PM
8	02_suryabala	02_suryabala	20	25%	4820	5	0	0	15	0	0	00:02:01	Thu 21 Mar 2024,04:28 PM



Name	Value
Game Started On	Thu 21 Mar 2024
Game Type	Test quiz
Participants	0
Total Attempts	0
Class Accuracy	0%
Game Ends On	Fri 22 Mar 2024,11:48 AM

**QUIZZZ**

*SRA*  
14/3/24

Staff ic

*T. P. Prabhakaran*  
14/3/24

HoD/Mech

**H.O.D**

**DEPARTMENT OF MECHANICAL ENGINEERING  
KINGS COLLEGE OF ENGINEERING  
PUNALKULAM**