

Teachers use ICT enabled tools for effective teaching-learning process

- 1 Photos of ICT tool usage in class room
- 2 Learning Management System(LMS)
- 3 Google class room
- 4 Online teaching

1. Photos of ICT tool usage in class room

Activity Name : Computer Connexions

Conducted By : Mrs.J.Vinothini,AP/CSE & Mr.P.Sakthivel,AP/CSE

ICT Tool used : **Computer Desktop, Pen drive, Microphone, Power Point Projector**



(ii)Activity Name : Projecting NPTEL Video Lecture
Conducted By : Ms.L.Sindhu,AP/CSE
Topic : Water Jug Problem-Artificial Intelligence
ICT Tool used : **Computer desktop , Pen drive, Microphone, Power Point Projector**

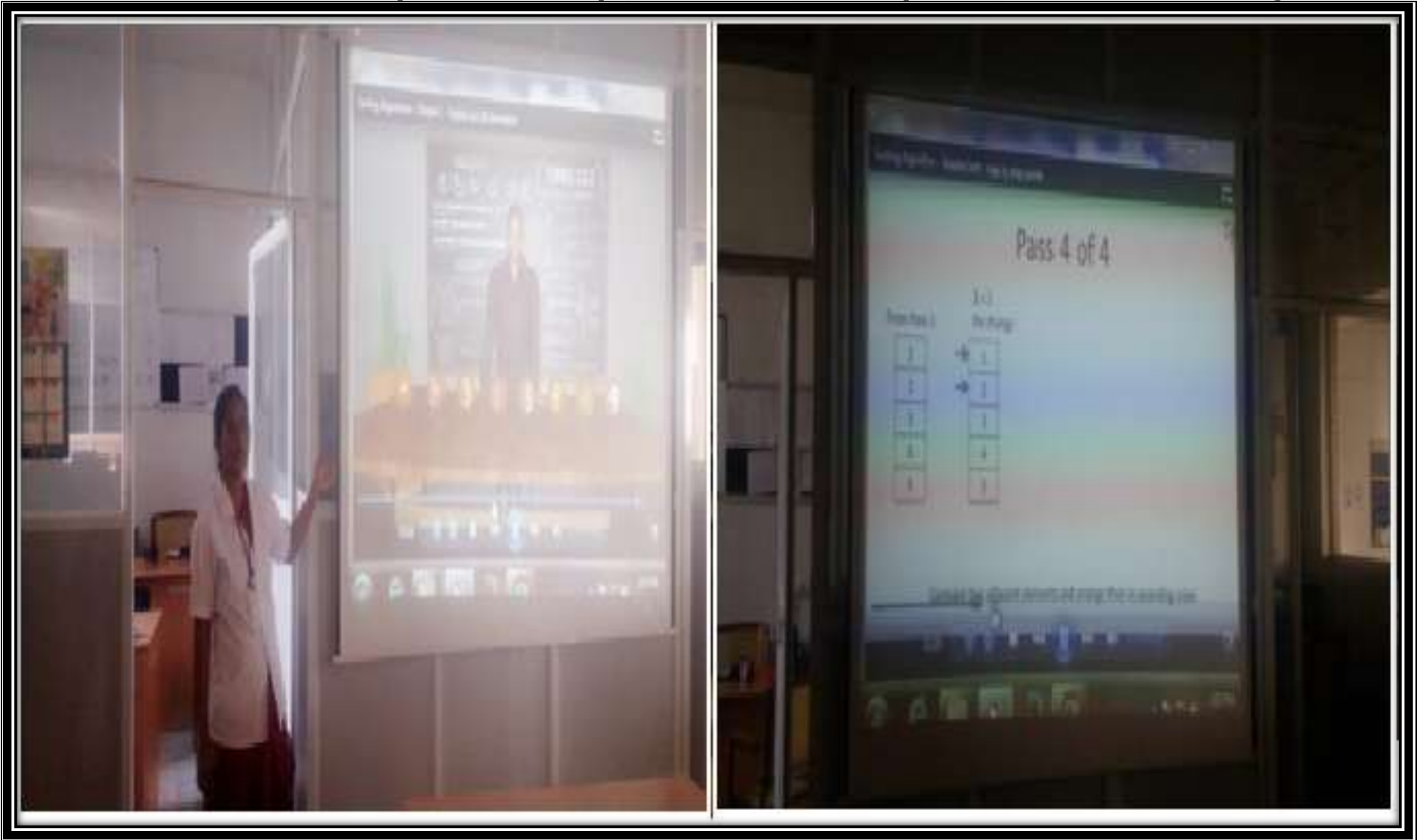


(iii)Activity Name : Multimedia Presentation

Conducted By : Mrs.J.Vaijayanthimala,AP/CSE

Topic : Sorting and Searching

ICT Tool used : **Computer desktop , Pen drive, Microphone, Power Point Projector**



(iv)Activity name : Technical Connection
Conducted By : Mr. N.Panneerselvam Sr.AP/Mech
Topic : Engineering Materials and Metallurgy
ICT Tool used : Laptop, Pen drive, Microphone, Power Point Projector



(v) Activity name : Technical Connection
Conducted By : Mr. N.Panneerselvam Sr.AP/Mech
Topic : Computer Aided Design
ICT Tool used : Laptop, Pen drive, Microphone, Power Point Projector

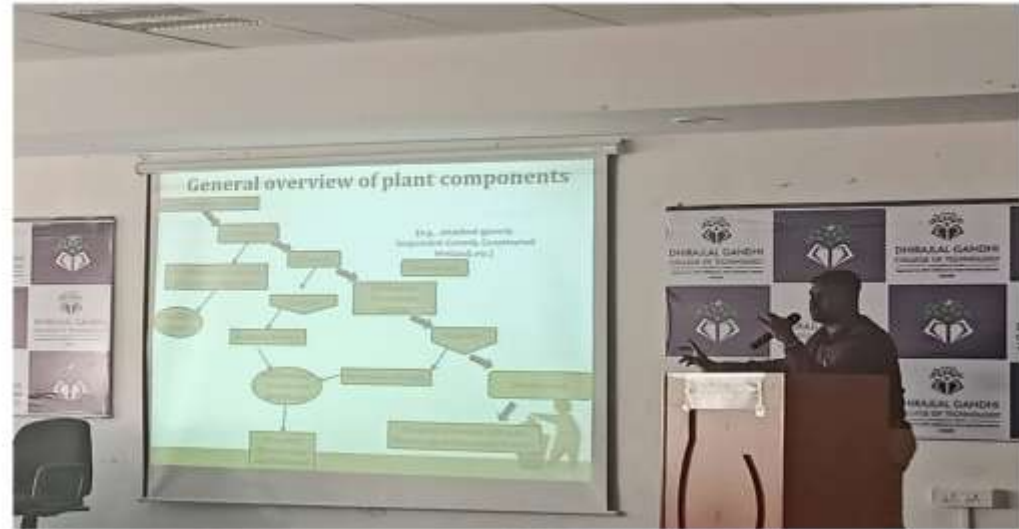


**(vi) Activity
Conducted By
Topic
ICT Tool**

**:Teaching and Learning
: Mr. P.Sathishkumar AP/Mech
: Strength of Materials for Mechanical Engineers
: OHP marker, OHP sheet, OHP Projector, Laser Light**



Activity :Teaching and Learning
Conducted By : Mr.S.Arun Kumar
Topic : Water Treatment ICT
Tool : Computer desktop,
Projector, Internet, etc.



Activity :Teaching and Learning
Conducted By : Mr.R.Karthick
Topic : Surveying
ICT Tool : Computer desktop,
Projector, Internet, etc.



2. Learning Management System

AMPLE Login

Go to <https://ample.amrita.edu> in the browser to arrive in the AMPLE homepage.



The screenshot shows the AMPLE homepage. At the top left is the Amrita logo with the text 'AMRITA VISHWA VIDYAPEETHAM' and 'Amrita Multiplatform for Personalized Learning & Evaluation'. At the top right is a 'Login' button with a user icon. The main content area features six campus images: Coimbatore Campus, Amritapuri Campus, Mysuru Campus, Bengaluru Campus, Kochi Campus, and Chennai Campus. To the right of these images is a large graphic with the text 'AMPLE Amrita Multiplatform for Personalised Learning & Evaluation' and the Amrita logo. Below the campus images, there is a section for 'About AMPLE' which describes it as an LCMIS (Learning and Content Management System) that supports rich multimedia content, assessments, and help to measure learning outcomes. It also provides contact information for more information and updates, including an email address (ample@amritalearning.org) and a WhatsApp number (944600 7532).

Click on the Login button in the top right corner of the homepage to get the login window.
Enter your Ample Teacher credentials here

Teacher Dashboard

The landing page after successful login is the Teacher dashboard, which is shown below:

AMRITA AMPLE
VISHVA VIDYAPEETHAM
Amrita Multiplatform for
Personalized Learning & Evaluation

Home Course Manager Publications Notifications AMPLE

AMPLE Support
School: University Demo
Courses: 11
Batches: 12

Q&A Forum

My Summary My Courses (12) FDP Courses (1) Archived Courses

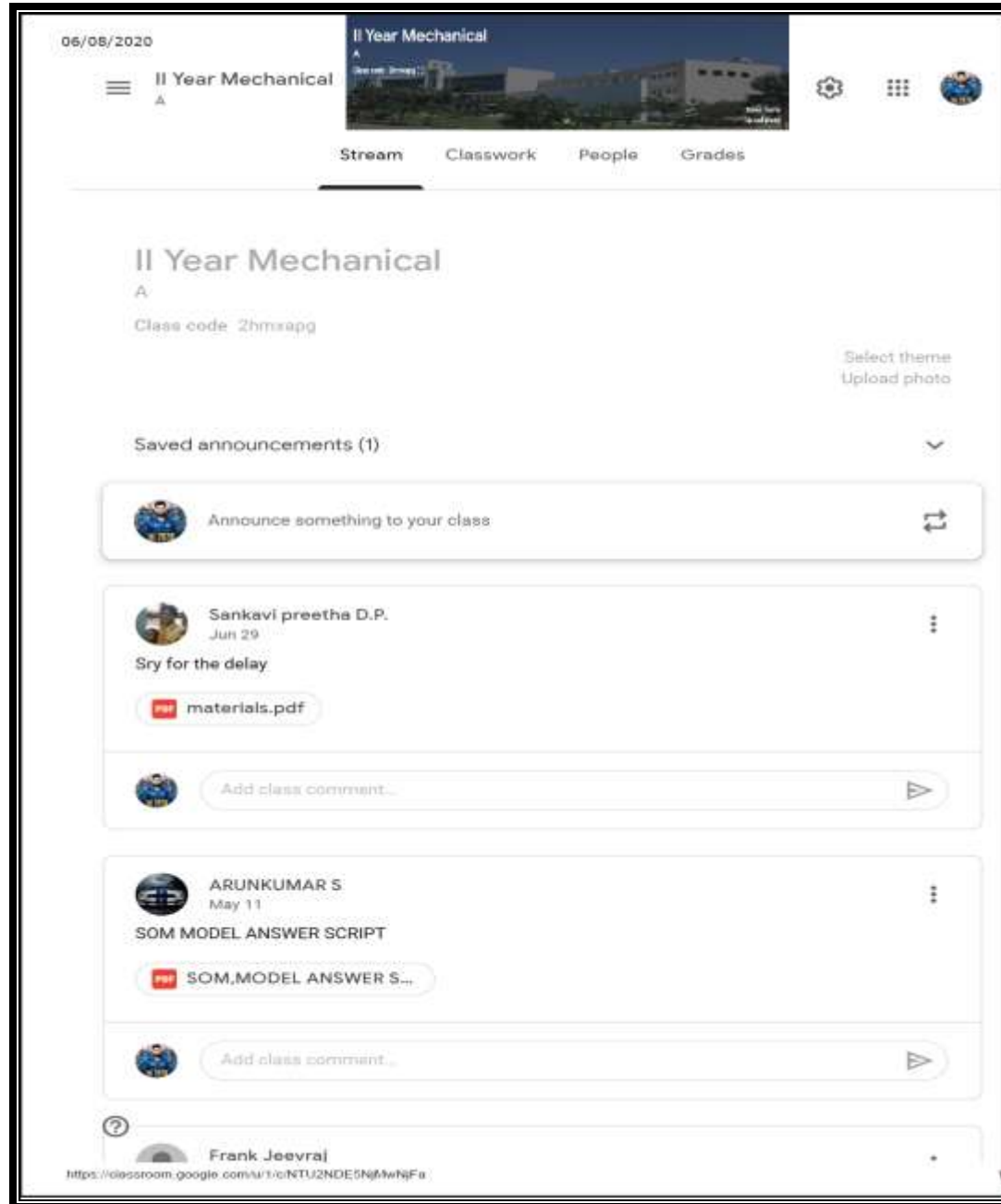
Academics

Courses: 11 Batches: 12 Enrolled Candidates: 5123

Publications

Publications: 0 Citations: 0

2 (i) Google class room activity



(ii) Google Class Room Attendance

The image displays two screenshots of the Google Classroom interface. The left screenshot shows the 'People' page for the class 'People in I Year Mechanical A' on 06/08/2020. It lists teachers and 23 students, each with a checkbox for attendance. The right screenshot shows the 'People' page for the class 'People in II Year Mechanical A' on 12/20/2020, listing 15 students with checkboxes for attendance. Both screenshots include navigation tabs at the bottom: Stream, Classwork, People, and Grades.

Class 1: People in I Year Mechanical A (06/08/2020)

Teachers:

- Panneerselvam Natarajan
- parandu@gmail.com (invited)

Students (23 students):

- abhi1tmail2608@g... (invited)
- Ajith Kumar
- aksrinivasan003@... (invited)
- anbu10501@gmail... (invited)
- Arul mani
- ARUNKUMAR S
- Bharath Kumar

Class 2: People in II Year Mechanical A (12/20/2020)

Students (15 students):

- boobalansuri@gm... (invited)
- Chandru M
- Deepthishrie Samp...
- DHANESH M
- dhanraj suresh
- dheenadhayalan45... (invited)
- dineshmoorthy725... (invited)
- Frank Jeevraj
- g.dinesh6575@gm... (invited)
- Ganesh kumar
- Gokula Krishnan
- gokulmani232001... (invited)
- gokulnethmuthu23... (invited)
- HARIGOKUL

(iii) Google Class Room Grade Book

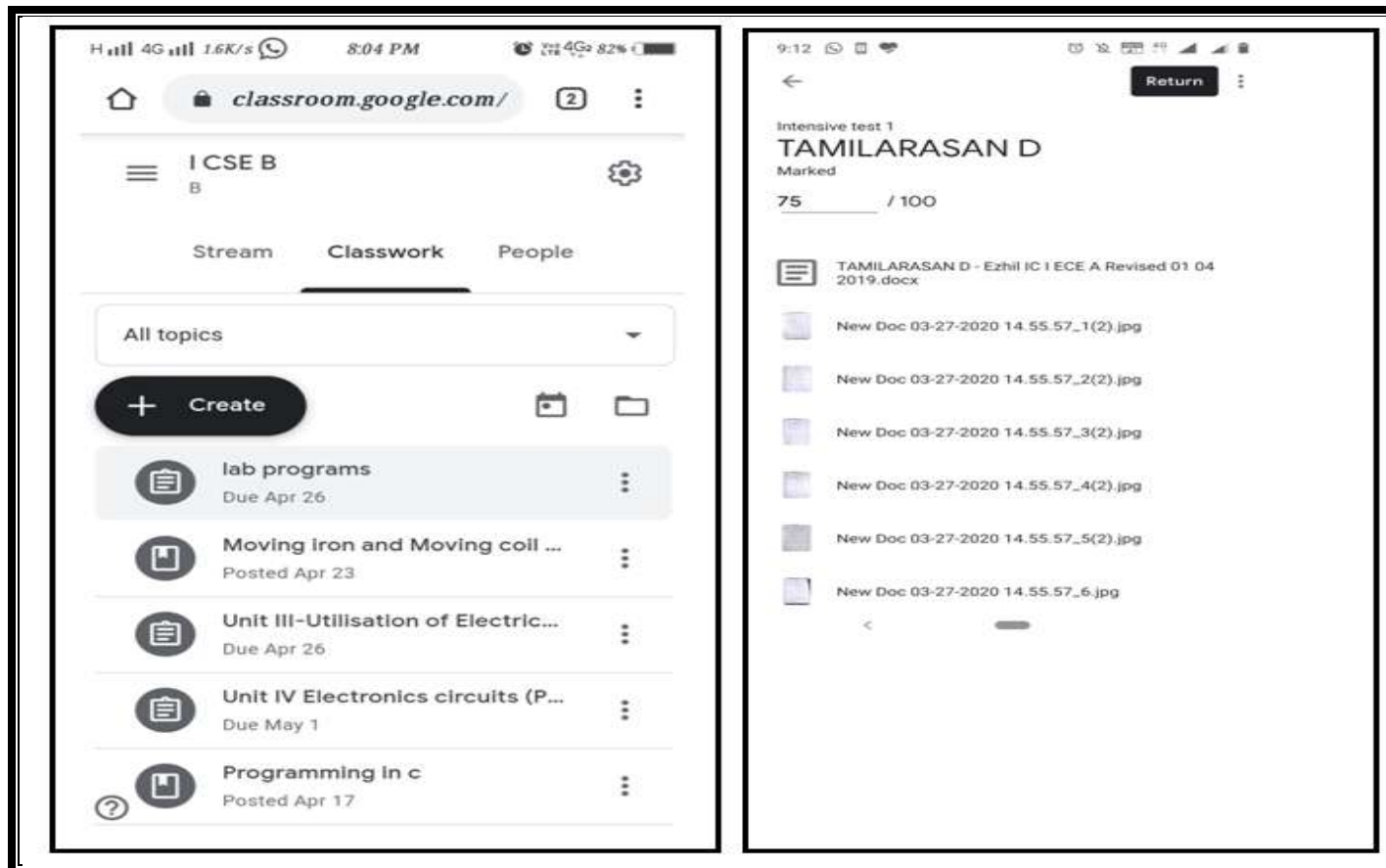
12/20/2020 II Year Mechanical gradebook					12/20/2020 II Year Mechanical gradebook				
II Year Mechanical					II Year Mechanical				
Stream	Classwork	People	Grades		Stream	Classwork	People	Grades	
Sort by first name	Apr II SOM OBJECTI... out of 100	Apr II SOM Objectiv... out of 100	No due date SOM Syllabus... out of 100	Apr II The neutral... out of 10					
Class average									
Ajith Kumar	60 Draft	65 Draft		5 Draft	kamalesh kumar	Missing	Missing		Missing
Anul mani	50 Draft	65 Draft		5 Draft	Karthi Keyan	40 Draft	40 Draft		3 Draft
ARUNKUMAR S	90 Draft	95 Draft		9 Draft	KARUN M	80 Draft	85 Draft		7 Draft
Bharath Kumar	85 Draft	80 Draft		8 Draft	KISHORE DEVAN	Missing	Missing		Missing
Bharathraj K	65 Draft	70 Draft		6/10 Draft	m. manoj	65 Draft	75 Draft		7 Draft
Chandru M	Missing	Missing		Missing	Mohammed Salmaan	50 Draft	40 Draft		4 Draft
Deepthishri Sampath ku...	65 Draft	60 Draft		5 Draft	Mohanapriyan M	50 Draft	70 Draft		6 Draft
DIHANESH M	70 Draft	75 Draft		5 Draft	Narayanan 1032000	60 Draft	65 Draft		5 Draft
dhanraj suresh	70 Draft	75 Draft		5 Draft	Sankavi preetha D.P.	90 Draft	85 Draft		8 Draft
Frank Jeevraj	60 Draft	65 Draft		5 Draft	Vishrubala S HRX	Missing	Missing		Missing
Ganesh kumar	80 Draft	85 Draft		7 Draft					
Gokula Krishnan	90 Draft	95 Draft		9 Draft					
HARIGOKUL	65 Draft	70 Draft		5 Draft					

DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY

GOOGLE CLASSROOM REPORT

3. **CLASS** : I CSE B
SUBJECT NAME : BE8255 Basic Electrical Electronics and Measurement Engineering
STAFF NAME : Dr.N.Thillaikarasi

QUESTIONS POSTED AND SUBMISSION ASSIGNMENTS



ONLINE CLASS REPORT

1. CLASS : I CSE A
SUBJECT NAME : PH8252 Physics for Information Science
STAFF NAME : Mr.R.Jaikumar,AP/Physics
DATE : 1.6.2020 (UNIT I-Electrical Properties of Solids)

ATTENDANCE / ASSESMENT



The image shows a Zoom meeting interface on the left and a handwritten note on the right. The Zoom interface displays a list of 31 participants, including Jai Kumar, Aashiq, deepa, Dhanish Kumar, Gowshika, harish, Javeed_Fort, Jessica Gnanadas, and Karunya sweetlin. The handwritten note discusses the density of states, defining it as the number of available energy states per unit volume in an energy interval E and $E+dE$. It also includes a diagram of a sphere representing the Fermi sphere in k -space, with labels for energy E , volume V , and Fermi energy E_F .

Participants List:

- JK Jai Kumar (mic, host)
- A Aashiq
- D deepa
- DK Dhanish Kumar,R
- G Gowshika
- H harish
- J Javeed_Fort
- JG Jessica Gnanadas
- KS Karunya sweetlin

Handwritten Note:

1) DENSITY OF STATES
It is defined as the number of available energy states per unit volume in an energy interval E and $E+dE$

2) $g(E)dE =$ in a metal piece (cube) of volume of the metal piece

Let us consider a cubical metal of side a so as to find the number of energy states available in the metal in between the energy E and $E+dE$ in which it is contained with cubic quantum numbers n_x, n_y, n_z as shown in fig. 1.7.

The diagram shows a sphere of radius k_F in k -space, with energy E and Fermi energy E_F indicated.

Let us take that n_x, n_y, n_z are the quantum numbers of the sphere corresponding to energy E .

2. CLASS

: II CSE A

SUBJECT NAME

: MA8204 Probability and Queueing Theory

STAFF NAME

: Ms.P.Priya,AP/Maths

DATE

: 4.6.2020 (UNIT II-Two Dimensional Random Variables)

The image shows a Zoom meeting interface with a list of 19 participants on the left and a handwritten note on a piece of paper on the right.

Participants (19):

- D Dharani
- JT joshika T
- KV kabilan V
- KM Kaviya M
- K kokila
- KH Kp Hari
- maha lakshmi.v
- MM Menaka M
- M MITHUN
- N Nageswari
- N Navin
- N Nirmal
- R Redmi

Handwritten Note:

The note is written in Hindi and English. It discusses probability distributions. It includes a table with columns labeled x/y , 1, 2, 3, and total.

x/y	1	2	3	total
0	20	15	10	45
1	10	15	10	35
2	5	10	10	25
total	35	40	30	105

Below the table, there are calculations for marginal probabilities:

$$P(X=0) = \frac{45}{105}$$
$$P(X=1) = \frac{35}{105}$$
$$P(X=2) = \frac{25}{105}$$

There are also some other handwritten notes and symbols, including $P(Y=0) = \frac{45}{105}$, $P(Y=1) = \frac{35}{105}$, and $P(Y=2) = \frac{25}{105}$.

3. Online teaching

CLASS


: II MECH A

SUBJECT NAME

: KINEMATICS OF MACHINERY


STAFF NAME

: Mr.M.CHANDRU SAP/MECH



**DHIRAJLAL GANDHI
COLLEGE
OF TECHNOLOGY**

**DEPARTMENT OF
MECHANICAL
ENGINEERING**



ONLINE CLASS REPORT – EVEN SEM (2019-20)

DETAILS OF ONLINE CLASS REPORT

Staff Name : M.CHANDRU
Designation : Senior Assistant Professor
Sub Code / Name : ME8492 /Kinematics of Machinery
Total No of Students : 45

S. No	Date & Time	ICT Tools	Units Covered	Topics Covered	No of Students Attended
1	02.06.2020	PPT	1	Basics of Mechanisms	16
2	05.06.2020	PPT	2	velocity and acceleration analysis of simple mechanisms	15
3	09.06.2020	PPT	3	Kinematics of Cam Mechanisms	15
4	13.06.2020	PPT	4	Gears and Gear Trains	13
5	16.06.2020	PPT	5	Friction in machine elements- Friction in screw threads, Friction in brakes	13

PHOTOS

