

Excelssior Education Society's
K. C. College of Engineering and Management Studies and Research
(Affiliated to the University of Mumbai)
MithBunder Road, Near Hume Pipe, Kopri, Thane (E)-400603

Innovation in Teaching Learning

A. Y. 2021-2022

Class: FE

Semester: II

Subject: Professional Communication & Ethics I (FEC206)

Activity: Online Quiz

Online Quiz Report:

The students of first year were given a topic "Personality Development" for Online Quiz activity. They were provided with an interactive lecture on the same topic and also the study material related to it. They were encouraged to participate in the activity in online mode by answering a questionnaire on the topic.

Outcome:

Students were actively involved in knowledge acquisition as they actively participated in the learning process. It also increased student engagement as they had read the material on the previous day and enjoyed the innovative teaching learning process.

Shree

Quiz on Personality development & Etiquette

* Required

1. Email *

2. Name *

3. Roll No *

4. E mail Id *

5. 1. Whenever you enter a room for the first time, it takes only a few seconds for people you've never met to form perceptions about you and your abilities. 2 points

Mark only one oval.

☐ True

☐ false

6. 2. Watches should be:

2 points

Mark only one oval.

- ☐ coloured Brightly
- ☐ Large and flashy
- ☐ Simple with a leather or metal strap

7. 3. Some of the perceptions people can form solely from your appearance are: 2 points

Mark only one oval.

- ☐ If you went to a post secondary institution
- ☐ Your professionalism
- ☐ Your Age
- ☐ Your sophistication
- ☐ your Department

8. 4. Fingernails should always be long so you can reach the top of your keyboard.

2 points

Mark only one oval.

- ☐ True
- ☐ False

9. 5. Your tie should be a representation of what you like. If you love cooking, it's OK to wear a tie with giant bacon strips on it, as long as it's tastefully done. 2 points

Mark only one oval.

- ☐ True
- ☐ False

2 points

10. 6. Rings and jewelry should be kept to a minimum.

Mark only one oval.

- ☐ True
☐ False

2 points

11. 7. Men should be aware of all the following grooming tips, except for:

Mark only one oval.

- ☐ Your face should be cleanly shaven or well-maintained
☐ It is best practice to brush your teeth or have a piece of gum after meals
☐ A strong musky spray is important when meeting clients

2 points

12. 8. Shoes for both men and women should be:

Mark only one oval.

- ☐ Should be brightly coloured and used as an accent piece because a 'pop' of colour is the latest trend in fashion.
☐ Should be open-toed for comfort
☐ Cleaned and polished

2 points

13. 9. In etiquette-attire best practice, navy blue, khaki, white, gray and black should be staple colors when choosing your wardrobe for work.

Mark only one oval.

- ☐ True
☐ False

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Innovation in Teaching Learning

A. Y. 2021-2022

Class: FE

Semester: II

Subject: Engineering Mathematics II

Activity: Flipped Classroom

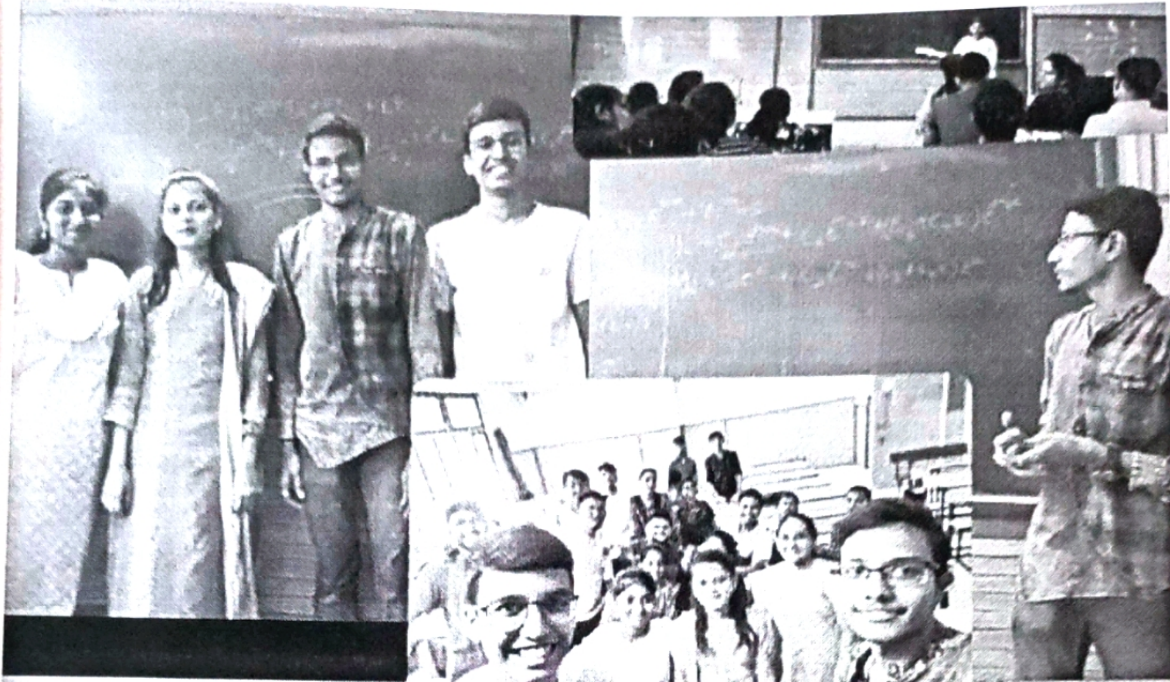
Flipped Classroom Activity Report:

The students of first year were given a topic "Linear Differential Equation with Constant Coefficients" for flipped classroom activity. They have been provided study material on the topic and encouraged to participate in solving examples on the topic. Some students had explained examples through presentation.

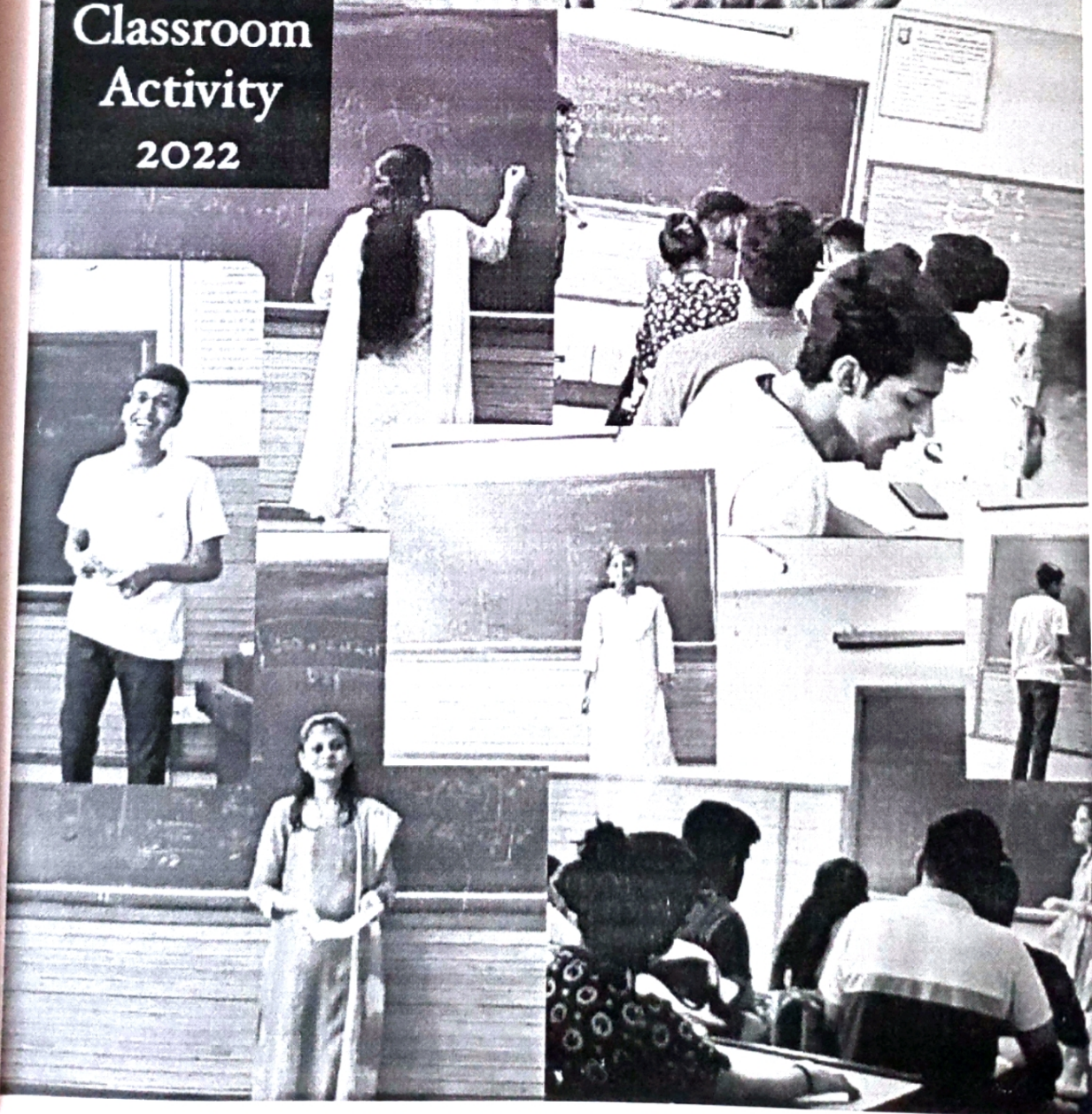
Outcome:

Students were actively involved in knowledge acquisition as they actively participated in learning process. It also increased student engagement as they had read the material on the previous day .

Vaisali



**Flipped
Classroom
Activity
2022**



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Department of Humanities and Applied Sciences

Innovation in Teaching Learning

A.Y. 2021-22

F.E.(SEM I)

Subject: Engineering Physics I

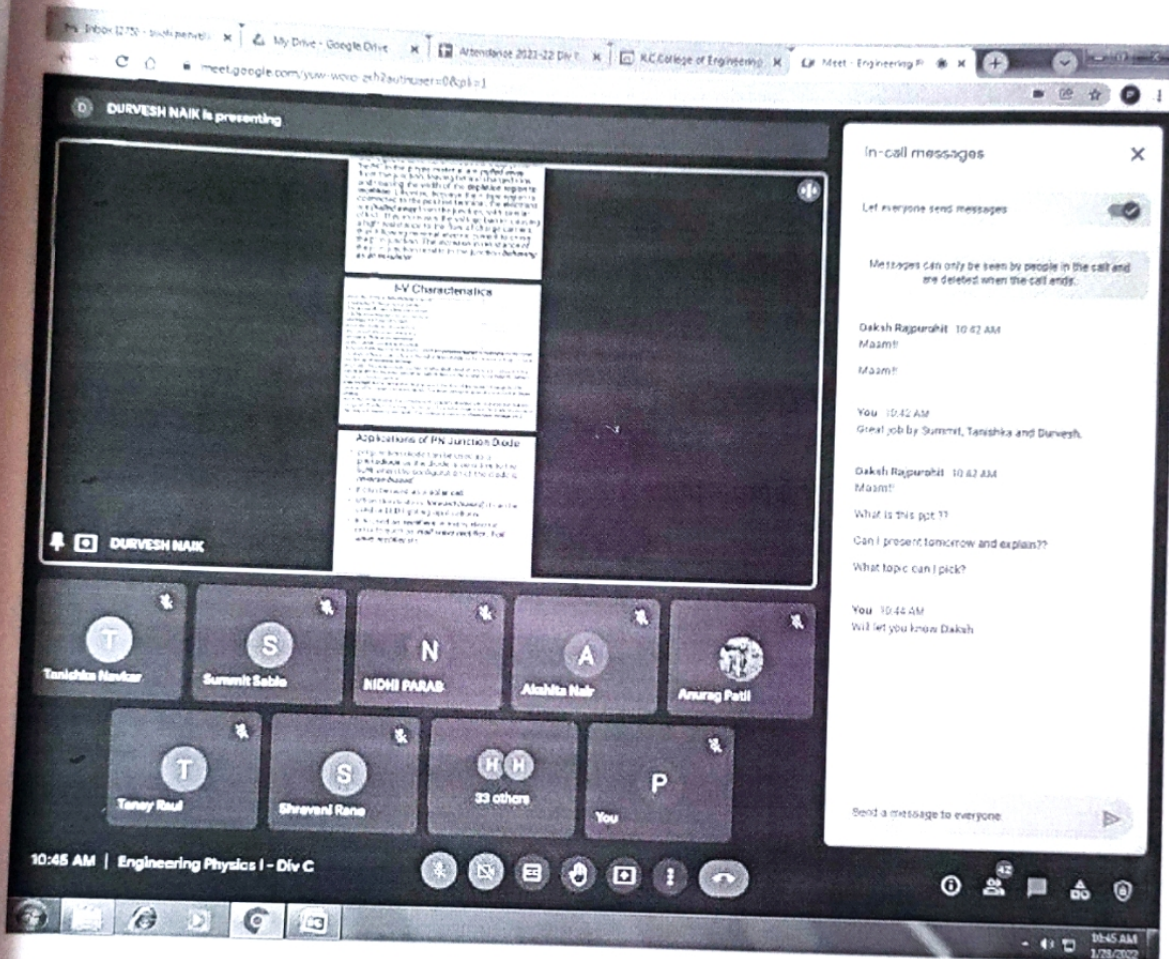
Activity: Flipped Classroom

Flipped Classroom is an instructional strategy and a type of blended learning that reverses the traditional learning environment. First year students have background knowledge of semiconductor. So students were asked to prepare on the topic 'conduction in conductor, semiconductor and insulator'. Study material regarding this was provided to the students. As the semester was in online mode, students prepared power point presentation and delivered very well.

Outcome: Students found the topic interesting and they actively
Students got more exposure on the related topic.

Smchav
[A.P Swati Panwalkar]

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Smruti

[A.P Swati Panvalkar]

Timestamp	Email Address	Score	Name	Roll No	E mail Id	1 Whenever you enter a room for the first time, it takes only a few seconds for people you've never met to form perceptions about you and your abilities.	2. Watches should be:	3. Some of the perceptions people can form solely from your appearance are:	4. Fingernails should always be long so you can reach the top of your keyboard.	5. Your tie should be a representation of what you like. If you love cooking, it's OK to wear a tie with giant bacon strips on it, as long as it's tastefully done.	6. Rings and jewelry should be kept to a minimum.	7. Men should be aware of all the following grooming tips, except for:	8. Shoes for both men and women should be:	9. In etiquette- attire best practice, navy blue, khaki, white, gray and black should be staple colors when choosing your wardrobe for work.	10. Your suit should be worn with a collared shirt or blouse. When looking to purchase a suit, it is a good idea to twist your suit to hold it for a few seconds to see if it wrinkles. If it does, it may not be a good purchase - since you will be constantly moving.
6/13/2022 17:41:58	charanreema@vank	8 / 20	Charanreema Pandur	B21-36	charanreema@vank	TRUE	Simple with a leath Your sophistication	FALSE	FALSE	FALSE	TRUE	Your face should be Cleaned and polish	FALSE	FALSE	TRUE
6/13/2022 17:43:19	charanreema@vank	8 / 20	Charanreema Pandur	B21-36	charanreema@vank	FALSE	Simple with a leath Your Age	FALSE	FALSE	FALSE	TRUE	Your face should be Cleaned and polish	FALSE	FALSE	FALSE
6/13/2022 17:45:14	charanreema@vank	10 / 20	Charanreema Pandur	B21-36	charanreema@vank	TRUE	Simple with a leath Your Age	FALSE	FALSE	FALSE	TRUE	Your face should be Cleaned and polish	TRUE	TRUE	TRUE
6/13/2022 19:47:41	adithyakonda@kocod	10 / 20	Adithya Konda	02	adithyakonda@kocod	TRUE	Simple with a leath Your Age	FALSE	FALSE	TRUE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/13/2022 23:09:01	araveshkaware@koc	12 / 20	Aravesh Kaware	15	araveshkaware@koc	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/14/2022 14:26:23	radhemo@vank	6 / 20	Radhemothar Naga	46	radhemo@vank	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	TRUE	TRUE	Your face should be Cleaned and polish	FALSE	FALSE	TRUE
6/14/2022 14:28:34	radhemo@vank	10 / 20	Radhemothar Naga	46	radhemo@vank	FALSE	Simple with a leather or metal strap	FALSE	FALSE	FALSE	FALSE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/14/2022 18:27:03	yashgupta@kocent	12 / 20	Yash Santosh Gup	50	yashgupta@kocent	FALSE	Simple with a leath Your Age	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/15/2022 13:20:26	rajmestral@kocent	12 / 20	Raj Mestra	47	rajm217777@gmail	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
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6/15/2022 15:01:16	rajmugorana@kocod	12 / 20	Rajul Gorana	A21-41	rajmugorana@kocod	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/15/2022 15:03:07	varshab@vank	12 / 20	Varshab Venkatesh	09	varshab@vank	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/15/2022 17:42:26	usthansh@kocent	12 / 20	Usthan Josh	04	usthansh@kocent	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/15/2022 17:56:56	sunryk@vank	12 / 20	Sunry Kevet	B21-15	sunryk@vank	TRUE	Simple with a leath Your professionalis	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/15/2022 18:23:59	raashu@kocent	12 / 20	Rashu Mall	36	raashu@kocent	TRUE	Simple with a leath Your Age	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
6/15/2022 18:26:30	raashu@vank	10 / 20	Mans Pansar	41	raashu@vank	FALSE	Simple with a leath Your professionalis	FALSE	FALSE	TRUE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	TRUE
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6/15/2022 20:03:10	apikunam@vank	12 / 20	Apikunam mustra	05	apikunam@vank	FALSE	coloured Brightly your Department	FALSE	FALSE	FALSE	TRUE	A strong musky spd Cleaned and polish	TRUE	TRUE	FALSE
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6/15/2022 21:09:36	varshab@vank	8 / 20	Varshab Venkatesh	A21-23	varshab@vank	TRUE	Simple with a leath Your Age	FALSE	FALSE	TRUE	TRUE	Your face should be Cleaned and polish	TRUE	TRUE	TRUE



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KCC EMS
2021-22

Department of Humanities & Applied Sciences

Academic year: 2021-22

Innovative Practices

Activity Report

Class: FE B,C

Semester: 1

Subject: Engineering Mathematics I

Activity Name: Online Quiz

At the end of the semester I, First year students of Engineering have been given "Online Quiz" with Google form. Nearly 105 students have given the response for that quiz. It was revision activity for subject Engineering Mathematics I, from

1. Complex Numbers
2. Hyperbolic Functions
3. Partial Differentiation
4. Applications of Differentiation
5. Matrices

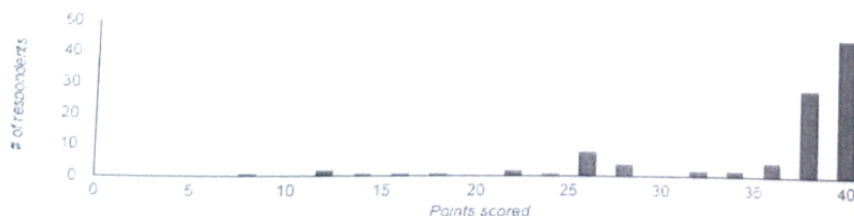
Insights

Average
35.45 / 40 points

Median
38 / 40 points

Range
8 - 40 points

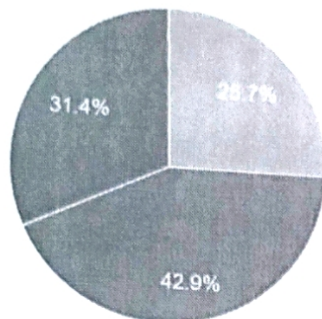
Total points distribution



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Branch

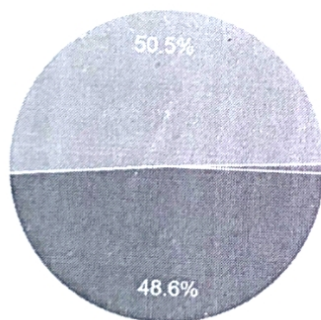
105 responses



● COMPS
● IT
● EXTC

Division

105 responses



● A
● B
● C
● D

Outcome:

1. The students were able to recall the concepts which they learnt throughout the semester.
2. This activity motivated the students to perform better in the University exam especially in objective type of questions

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Department of Humanities and Applied Sciences

A.Y(2021-22)

CLASS: Div A & Div B

SEMESTER: I

SUBJECT: Engineering Physics I

ACTIVITY: *Gamification: 2 activities* were conducted for Concept building by Puzzle & Quiz

ACTIVITY REPORT: Crossword puzzle competition was held among 2 divisions of FE (A & B). The idea was to strengthen the basic concept of the Crystallography through the pedagogy of collaborative learning and constructive competition. Also, a quiz with a time limit on the Socrative platform was conducted on quantum mechanics.

OUT COME: The students learned the concepts well. It was conducted in online mode; they had a platform for connecting among themselves. The responses in the classes was observed to increase. The feedback received from them was appreciative with few comments quoted as below:

"I like the method...it was amazing something new and helpful for objective type questions....it is less time consuming...we got what is need for exam within short time instead of reading two two pages of books... thanks to ma'am for such innovative idea"

"Have a nice crossword puzzle I have interested to solve crossword puzzle."

"Like to solve some more quiz and puzzle games like this."

"It's really good initiative, we get to interact more which means we were much active for the time and so we can learn anything easily."

"it was a fun segment. crossword is very fun game and if there is study related game or crossword it is fun solving them."

"It's was very interesting and it helped me to remember the topic."

"This type of teaching methodology is really very useful to cover many topics in one single game.... Mam, I hope that you continue these types of interactive games. It really helps me a lot."


Dr. Arundhati Chakrabarti

Subject Teacher

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Department of Humanities and Applied Sciences

A.Y.2021-2022

CLASS: First Year Engineering A B
SEMESTER: I

SUBJECT: Engineering Chemistry - I

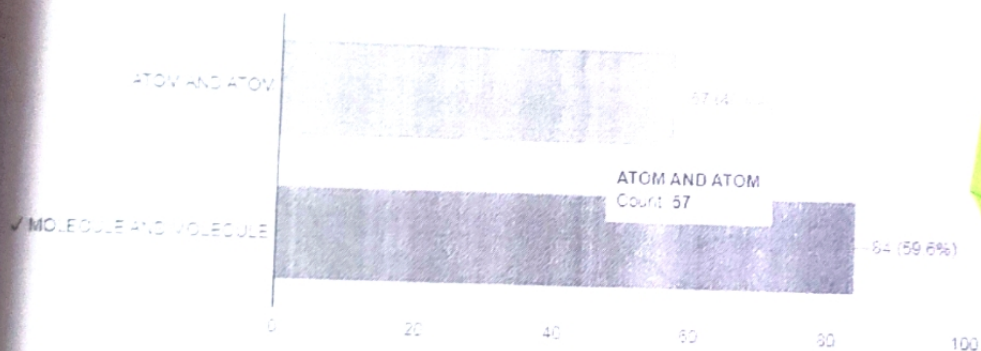
ACTIVITY:

1. Online quiz

VANDER WAALS FORCES WORK BETWEEN

84 / 141 correct responses

 Copy



WHICH GAS DID NOT OBEY JOULE THOMSON EFFECT

136 / 141 correct responses

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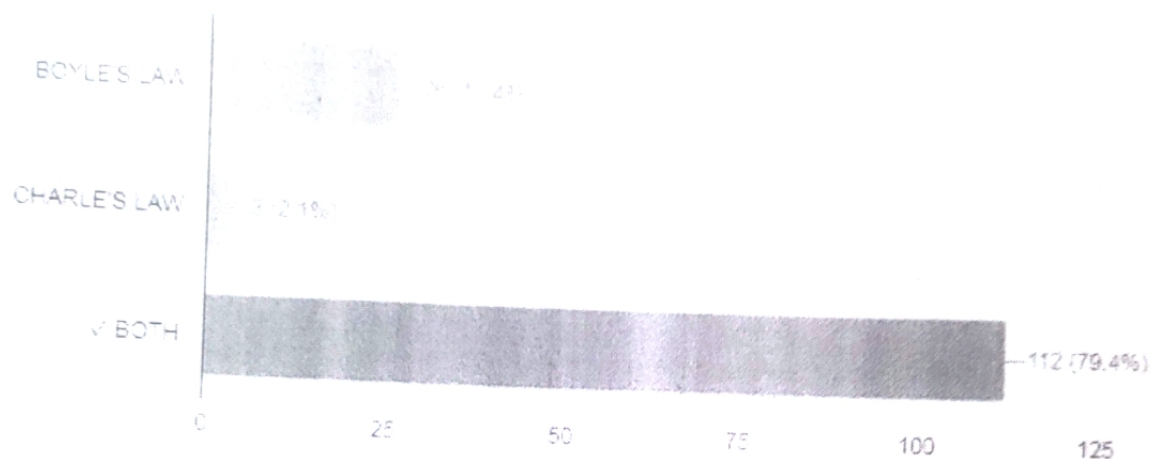


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IDEAL GAS OBEYS


112 / 141 correct responses

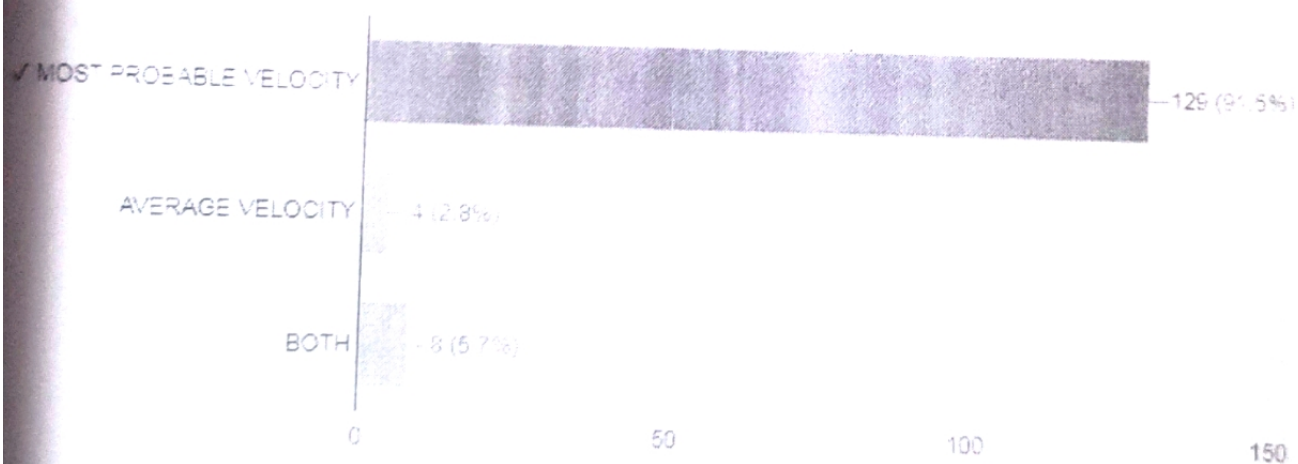
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THE VELOCITY POSSESSED BY THE LARGEST NUMBER OF MOLECULES IN A GAS

129 / 141 correct responses

 Copy



SUBMISSION (ENGINEERING CHEMISTRY I) 2021-22 (ASSIGNMENT AND LAB MANUAL)

mail *

kshibiradar@kccemsr.edu.in

NAME *

Kshi Prabhakar Biradar

ROLL NO. *

ANCH *

INTERMOLECULAR FORCES WORK BETWEEN *

ATOM AND ATOM

MOLECULE AND MOLECULE

WHICH GAS DID NOT OBEY JOULE- THOMSON EFFECT *

- ☒ HELIUM
- ☐ OXYGEN

IDEAL GAS OBEYS *

- ☐ BOYLE'S LAW
- ☐ CHARLE'S LAW
- ☒ BOTH

THE VELOCITY POSSESSED BY THE LARGEST NUMBER OF MOLECULES IN A GAS *

- ☒ MOST PROBABLE VELOCITY
- ☐ AVERAGE VELOCITY
- ☐ BOTH

KINETIC THEORY OF GASES WAS PROPOSED BY *

- ☒ MAXWELL AND BOLTZMANN
- ☐ AVOGADRO
- ☐ BOTH

SUBMISSION (ENGINEERING CHEMISTRY I) 2021-22 (ASSIGNMENT AND LAB MANUAL)

Email *

sakshikhairnar@kccemsr.edu.in

NAME *

Sakshi khairnar

ROLL NO. *

20

DIV *

BRANCH *

VAN DER WAALS FORCES WORK BETWEEN *

ATOM AND ATOM

MOLECULE AND MOLECULE

SUBMISSION (ENGINEERING CHEMISTRY I) 2021-22 (ASSIGNMENT AND LAB MANUAL)

Email *

adityakonda@kccemsr.edu.in

NAME *

Aditya Srinivas Konda

ROLL NO. *

21-2

IV *

BRANCH *

UNDER WAALS FORCES WORK BETWEEN *

ATOM AND ATOM

MOLECULE AND MOLECULE