

Department of Engineering Science

Innovative Teaching Method(Mind Map) - Report

Academic Year –2020-21	Class -FE
Semester–II	Date:30/7/2021
CO:CO1,CO2,CO3,CO4,CO5,CO6	PO:PO1, PO2, PO7, PO12

1. **Title of Innovation method/activity: Mind map** by using Google Classroom
2. Link shared to the students:
3. Name of Faculty: Ms .Bahare G.B. & Dr. Kokate S.J.
4. Course :Engineering Chemistry
5. Objective of Method
 - a. Clear the concept.
 - b. It helps students to think individually.
 - c. More involvement of students.

6. Topic Covered through Activity
Engineering Chemistry

7. Description of method with Benefits(8 –10lines)

Description of method

Monitor and support students for performing Activity:

By using this method we are able to check the concept understand by the students. Also students get engage and show their creativity while preparing Mind Map. Students are able to revise the topic very easily.

Benefits of method

- It helps students to think individually about a topic and clear their concept.
- It helps students to develop their creativity.
- It helps students to understand the concepts and revise the topic.
- Students know the application which increase the interest of students in learning Engineering Chemistry.

8. Roles and Responsibilities

• Teacher

- Elaborate regarding activity.
- Encourage students to prepare Mind Map and upload it on Google Classroom.
- Provide the study material on Topic.
- Remain available during the completion of task.
- Prepare assessment methodology.

• Student

- Go through the concept of the topic.
- Understand the concept and show their creativity independently while preparing the Mind Map and upload the PDF on or before the given time.
- Actively participate in Mind Map activity and contribute their knowledge regarding the topic covered.

9. Assessment Tools :Maximum Marks 25

Involvement , Understanding and performance	10	7	4
	Excellent	Good	poor
	All topics are covered with correct procedure and application	some topics are covered with correct procedure and application	Few topics are covered with some error in procedure and application is missing
Presentation and Organization	10	7	4
	Excellent	Good	poor
	Neatness is Good and with creativity	Neatness is OK and with less creativity	less Neatness and with no creativity or file of other student is uploaded
Timely submission	5	3	0
	Excellent	Good	poor
	submitted within deadline	late Submitted	not submitted

10. Evaluation sheet of attendee:

A -Involvement , Understanding and performance(10)

B-Presentation and Organization(10)

C-Timely submission(5)

1. Division-A

Sr. No	Students Name	A	B	C	Total(25)
1	ABIN BIJU	9	9	5	23
2	AHER ARPITA SANDIP	8	8	4	20
3	AHIRE MANASI VINOD	8	9	4	21
6	BHANDARE SAMRUDDHI NITIN	7	8	4	19
7	BHAVSAR EKTA MANOJ	9	8	4	21
8	BORASE RAINA PRASHANT	9	8	4	21
9	BORASE RIDDHI PRAVIN	8	9	4	21
10	CHAVAN SAKSHI ASHOK	9	9	5	23
11	DANEJ PRATHAMESH GOVINDA	7	8	5	20
12	DASH ROHAN RAVI	8	8	5	21
13	DEORE PRATIK RAJENDRA	9	8	4	21
14	DESHMUKH SUDHANSHU JAYANT	10	10	4	24
15	DHANWATE MADHURI RAJENDRA	8	8	5	21
16	DUSEJA SIDDHI ASHOK	8	8	4	20
17	GANAGE PARIKSHIT GAJANAN	6	6	3	15
18	GANDHALIKAR TEJAS PANKAJ	8	7	5	20
19	GOLESAR SHRUTI DATTA	9	9	5	23
21	HIRE CHAITANYA ANIL	7	7	5	19
22	JADHAV SAKSHI SUBHASH	9	9	4	22
23	JOSHI AADITYA AJIT	8	7	4	19
24	AGRAWAL OM SANJAY	7	7	5	19
25	AHER PARTH DEEPAK	7	8	5	20
26	AHER PRADNYA BAPU	7	7	4	18
28	AHER VAIBHAV KARBHARI	7	8	5	20
32	BANGAR MANOJ NAVNATH	7	8	4	19
33	BHADANE SURAJ NIVRUTI	8	8	4	20
34	BHADANE YASH DEEPAK	7	8	4	19
35	BHAMARE YOGITA DILIP	7	7	4	18
36	BORAVE VINAY SUNIL	8	9	4	21
37	CHAUDHARI PALLAVI BHAGWAN	7	7	4	18
38	CHAVAN DIVYA BARKU	8	8	4	20

39	CHOUDHARY MOHD ASIF CH BASHIR AHMAD	7	7	4	18
42	DESHMUKH VAIBHAV KESHAV	7	7	4	18
45	AHIRRAO HARSHALI VIJAY	7	7	5	19
47	AVHAD RUPALI VIJAY	8	7	4	19
48	BAGUL ADITYA DEEPAK	8	8	5	21
50	BANKAR ABHISHEK PUNDLIK	8	8	4	20
51	BENAKE AVANTIKA DILIP	8	7	4	19
52	WANKHEDE SURAJ SANTOSH	7	7	4	18
53	YASH RAJENDRA DESHMUKH	7	7	4	18
54	SHRAVANI MANOJ AHER	7	6	5	18
55	SOHAN RAJKULE	8	8	4	20

2. Division-B

1	KALASKAR ADITYA GOVINDA	8	8	4	20
2	KANKARIYA SHRUSHTI KALPESH	7	8	4	19
3	KAREGAONKAR MANISH SUNIL	9	7	4	20
4	KEDAR SIDDHESH VISHWANATH	8	7	5	20
5	KESKAR OM MANDAR	10	10	5	25
6	KHAIRNAR PREMROOP UDAYKUMAR	9	9	4	22
7	KHAIRNAR SAMRUDDHI MAHESH	9	9	5	23
8	KHEMNAR SIDDHI PRAKASH	7	8	5	20
9	KHOJE HARSHVARDHAN AJAY	7	7	5	19
10	KOKANI DEEPAK UTTAMRAO	7	7	4	18
11	KULKARNI KARTIKI RAJENDRA	8	7	4	19
12	KUMAR ROHIT KUMAR CHHAJJU RAM	7	8	5	20
13	KUMAR VARUN ASHWINI KUMAR	8	7	5	20
14	KUSHARE CHAITALI GANESH	8	7	4	19
15	MAHAJAN SAGAR RAJARAM	7	8	4	19
16	MORE PRATIK UMESH	8	7	5	20
17	NAIK TUSHAR VINOD	7	7	4	18
18	NARNAWARE KUNIKA RATNAKAR	7	7	5	19
19	NEMADE RIYA PRAVIN	8	8	4	20
20	PAGARE OM SANJAY	7	7	4	18
21	PATIL KASTURI KIRAN	8	7	5	20
23	PATIL UMESH RANDHIR	7	7	5	19
24	GAHIWAL TEJAS DEVIDAS	8	8	5	21
26	GHUGE PRANAV DNYANESHWAR	8	7	5	20
27	GHULE PRANAY BALASAHEB	8	7	4	19
28	HIRANI KRISHNA HEMANT	8	8	5	21
29	JADHAV TEJAS UTTAMRAO	8	7	4	19

30	JADHAV YOGINI DHANRAJ	8	7	5	20
31	JAGTAP TANISHKA DEVENDRA	8	8	4	20
32	KAKAD ATHARVA MANIK	7	7	5	19
33	KALE SIDDESH SANJAY	8	7	5	20
34	KALOGHE ASHUTOSH ANIL	8	8	5	21
35	KAPADNIS APURVA ANANT	8	7	4	19
36	KHAMBAIT AJAY CHANDRAKANT	7	7	4	18
37	KHAMBAIT BHAVIK BHAGWAN	7	7	4	18
38	KOTHIYA JAYKUMAR JAGDISH	8	7	5	20
40	MAURYA KAJAL KARAMCHAND	7	8	4	19
43	MHASKE GAURAV PRAKASH	8	8	4	20
45	BHOI DARSHANA SAHEBRAO	7	7	5	19
46	CHAVAN LALIT SUNIL	7	7	4	18
47	DAVKAR SAMRUDDHI SHASHANK	7	8	4	19
48	DHAWALE ONKAR SARJERAO	8	7	5	20
49	GUNDECHA PRAPTI SUNIL	7	7	4	18
52	NALKAR ANUJA ANIL	7	7	3	17
53	PATIL MAYURESH SOMNATH	7	8	4	19
54	KUSH PATEL	8	9	5	22

3. Division-C

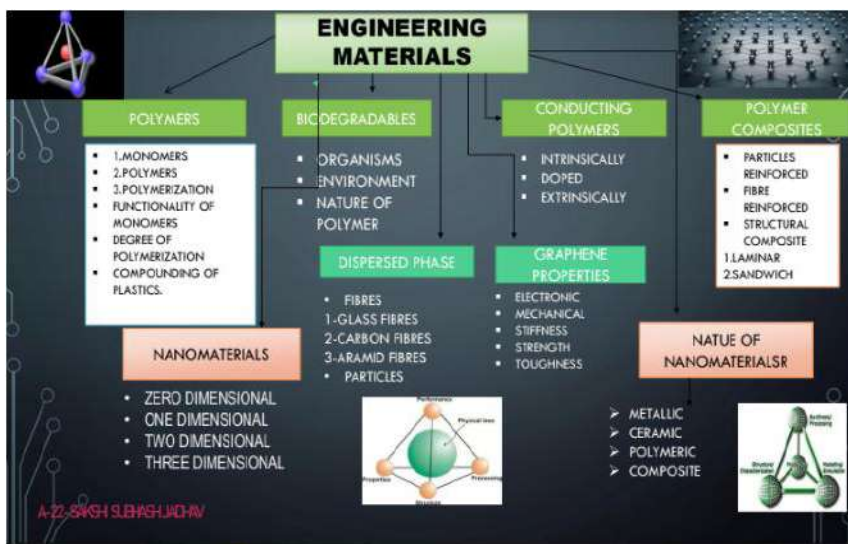
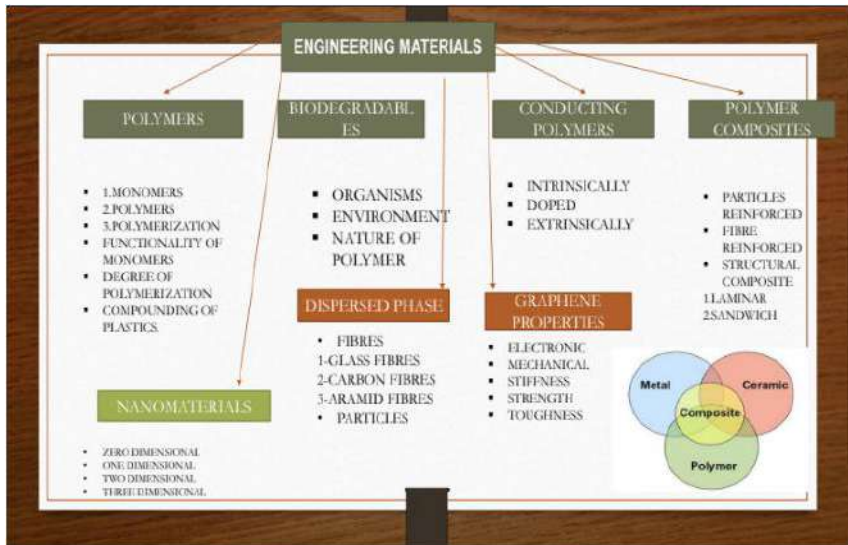
1	PATIL VEDANT SUNIL	9	8	5	22
2	PATIL YASHWANT UTTAM	8	7	4	19
3	PAWAR AISHWARYA AVINASH	8	8	5	21
4	PAWAR KUSHAL BHAGWAT	8	7	5	20
5	PAWAR SANKET VIJAYRAO	7	7	5	19
6	PAWAR SHANTANU SANJAY	8	8	5	21
7	PAWAR VAISHNAVI SHRIRANG	8	7	4	19
8	POTDAR OJASWINI ANIL	8	7	5	20
10	RANE UMESH VIRENDRA	8	7	5	20
11	SATHE PRATHAMESH SHASHANK	7	7	4	18
12	SHEWALE PRANJAL VIJAY	8	7	5	20
13	SHRIWASTAV SAYALI RATAN	8	8	5	21
14	SONULE SUMIT BAJIRAO	7	7	4	18
15	SUTRAVE AISHWARYA ARUN	8	7	4	19
16	TAKANE CHETANA LAXMIKANT	9	8	5	22
17	TANDALE SIDDHI MUKESH	8	8	4	20
19	THOMBARE GEETA KISHOR	8	9	4	21
20	UPHADE ABHISHEK SUNIL	8	7	4	19
21	VAISHNAV PRAGATI SANDIP	8	7	5	20
22	VISPUTE PRAJWAL KISHORE	8	7	4	19
25	PATIL HARSHALI JITENDRA	8	7	5	20

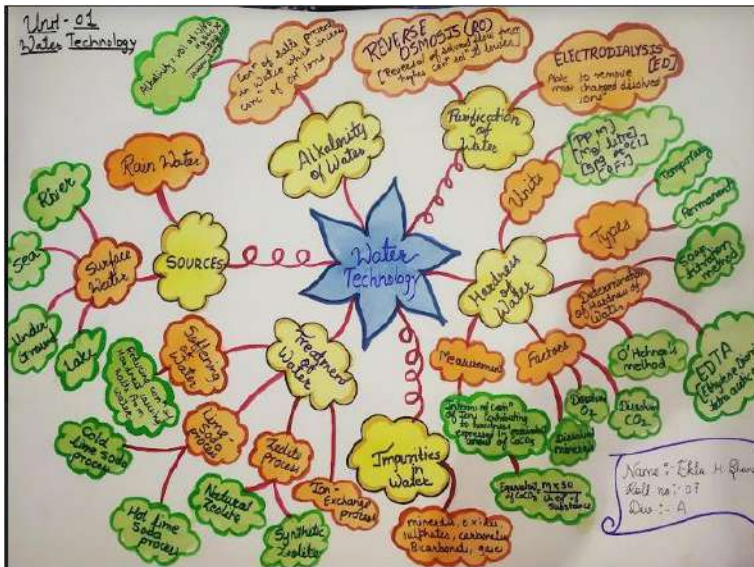
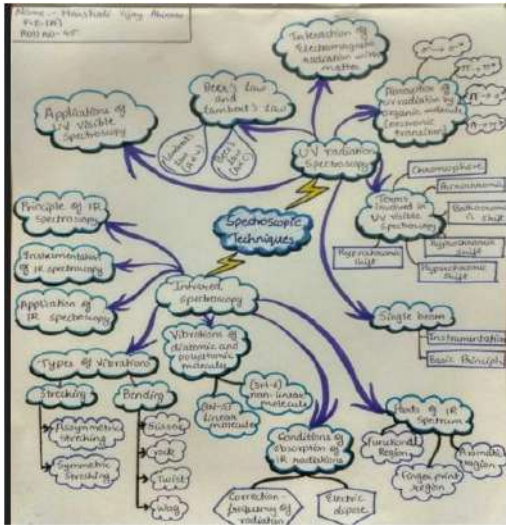
27	PATIL YASHWARDHAN PRAMOD	7	7	4	18
28	RAJOLE OM ANIL	8	7	5	20
29	RANDHIR PRANJAL SHASHIKANT	8	8	4	20
30	SALUNKE JANAVHI PRAKASH	7	7	4	18
31	SANGALE HEMANT DATTATRAY	7	7	5	19
32	SANGLE SAKSHI GORAKSHNATH	8	7	4	19
36	SONAWANE ABHISHEK SHRIRAM	7	8	5	20
40	TARLE AKASH BALASAHEB	7	7	4	18
42	VELIS SIDDHANT DNYANESHWAR	7	7	4	18
43	WAGH RUSHIKESH MADAN	8	7	5	20
44	NIGAL SAHIL ANIL	7	7	4	18
46	SHAIKH SAJID YUSUF	9	9	4	22
47	SHINDE PRAJWAL SUNIL	7	7	4	18
48	SONAWANE SAURABH YADAV	8	7	4	19
49	UDAMALE HARSHAD ANIL	8	7	5	20
53	GANGURDE SHITAL	7	7	4	18

11. Impact Analysis

Sr. No.	3-High/Excellent	2-Moderate /Average	1-Slight/Poor
Q.1 Did you understand and cover the objective of the activity?	88.7%	9.4%	1.9%
Q.2 Do you find that methodology is helpful to cover the content beyond the syllabus?	83%	17%	-
Q3.Does this help you increase your knowledge of the topic?	86%	13.2%	-
Q.4 Does the content covered is relevant and helpful for lifelong learning?	83%	17%	-
Q.5 Do you want us to conduct such activity again ?	81.1%	18.9%	-

12. Activity Picture





13. For review and critique contact: e-mail address of faculty and HOD

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Subject Incharge



Ms. G.B.Bahare
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HOD