

# **Department of Mechanical Engineering**

# **Innovative Teaching Method - Report**

Academic Year –2020-21	Class -SE
Semester-II	Date:05/7/2021
CO:CO1,CO2,CO3,CO4,CO5,CO6	PO:PO1, PO2, PO8, PO12

### 1. Title of Innovation method/activity: Mind map by using Google Classroom

**2.** Link shared to the students:

https://classroom.google.com/u/0/w/Mjk0NDE3OTA3MDM2/t/all

- 3. Name of Faculty: Ms.M.G.Dhumase
- 4. Course : Engineering Mathematics-III (207002)
- 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 Mathematics-III** 

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 understood by the students. Also students get engaged 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 Mathematics

#### 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 the 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.

	10	7	4
Involvement,	Excellent	Good	poor
Understanding and performance	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
	10	7	4
Presentation and Organization	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
	5	3	0
Timely submission	Excellent	Good	poor
	submitted within deadline	late Submitted	not submitted

# 9. Assessment Tools: Maximum Marks 25

## **10. Evaluation sheet of attendee: Separate sheet attached.**

Roll No	Name of the Student	Involvement , Understanding & Performance (10)	Presentation& Organization (10)	Timely Submission (5)	Total (25)
81	Malve Utkarsh Narendra	7	7	5	19
82	Malsane Bhushan Shantaram	7	7	3	17
83	Mandal Himanshushekhar Keshav	7	7	4	18
84	Mhaskar Shubham Somnath	7	4	4	15
87	Muthal Sahil Shashikant	7	4	4	15
89	Nishad Vishal Dinesh	7	7	5	19
90	Pachore Pratik Dattatray	7	6	3	16
91	PAGARE ALOK SATISH	7	7	5	19
94	Pingle Rohit Dilip	7	10	3	20
96	Patil Chinmay Lalit	10	10	4	24
97	Patil Dev Sachin	10	4	4	18
99	Patil Pranav Rajendra	10	7	4	21
106	SALUNKE PRATIK RAMESH	8	8	4	20
109	Sarkar Sarthak	7	7	5	19

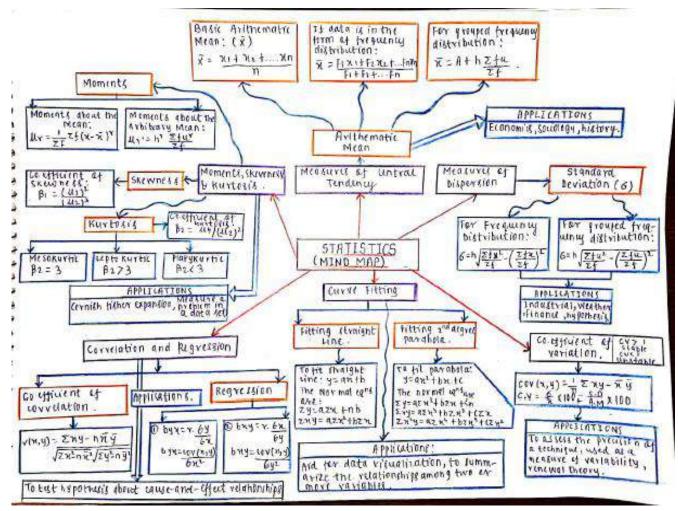
113	Shinde_Mayur_Vasant	7	10	4	21
114	Shinde Yash Bhimrao	7	7	3	17
115	Shirsath Mayur Somnath	7	7	3	17
116	SHIRSATH OMKAR VISHVANATH	7	7	5	19
118	Sonawane Suyash Sharad	10	10	5	25
119	Sonawane Yash Sharad	10	10	5	25
120	Tambe Abhishek Vijay	10	10	5	25
121	TASKAR JAYDATT CHANDRAKANT	10	7	5	22
124	Ugale Tanay Sudhir	7	7	5	19
127	Wagh saurabh sanjay	7	4	3	14
129	Watpade Akshay Balkrishna	10	7	5	22
131	Yadav Deepak Shyamkishor	7	10	5	22
132	Zade Vivek Ramesh	10	10	5	25
133	PATIL NAKSHATRA HEMANT	7	7	5	19
136	Raijade Akshada Sanjay	10	7	5	22
140	Shingade vedant mahesh	7	7	5	19
146	Bharsat Bhushan Pundlik	7	10	4	21
147	Budhvant Dhanajay rajendra	7	7	3	17
148	Daspute Amit Milind	7	7	5	19
150	Gaikwad Shantanu Prakash	7	10	4	21
151	Handore Aditya Dayaram	7	7	3	17
154	Kamble Sujata prakash	7	10	4	21
155	Karmase Aniket Pravin	7	7	4	18
156	Kaklij Ritesh Jibhau	7	7	5	19
157	Kurware Shraddha Ankush	7	10	5	22
158	Modak Ajinkya Vilas	7	10	5	22
161	Patole Rohit Pandurang	10	10	4	24
164	Shinde Sakshi	7	10	5	22
165	SHEWALE SWAYAM TUSHAR	10	10	5	25
168	Vadnere prathamesh suhas	7	10	5	22
169	Sonawane Ankit Ramesh	7	7	5	19

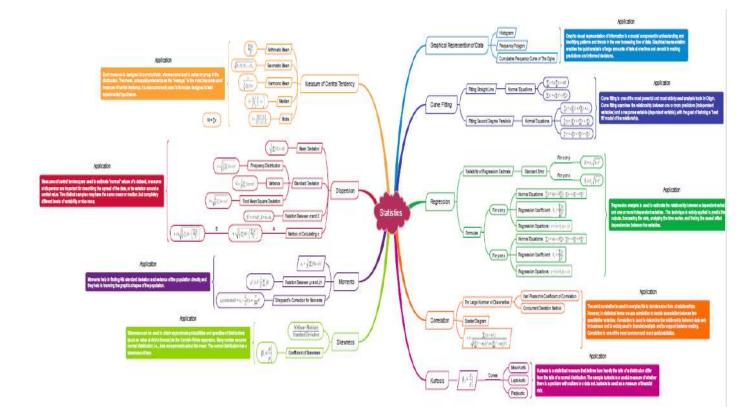
# 11. Impact Analysis

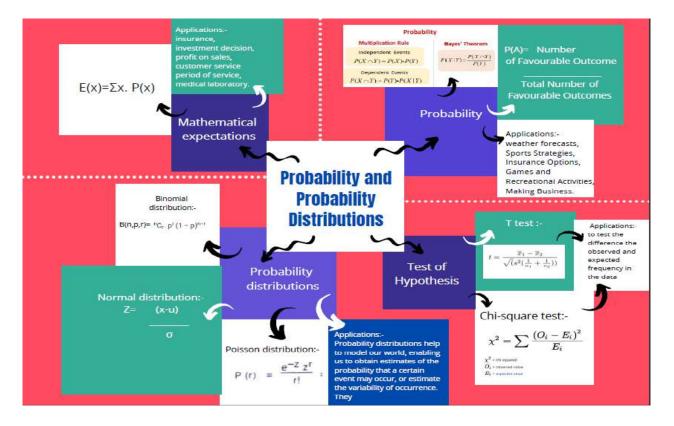
Sr. No.	3-High/Excellent	2-Moderate	1-Slight/Poor
		/Average	
1. Did you understand and cover the			
objective of the activity?	71.40%	28.60%	-

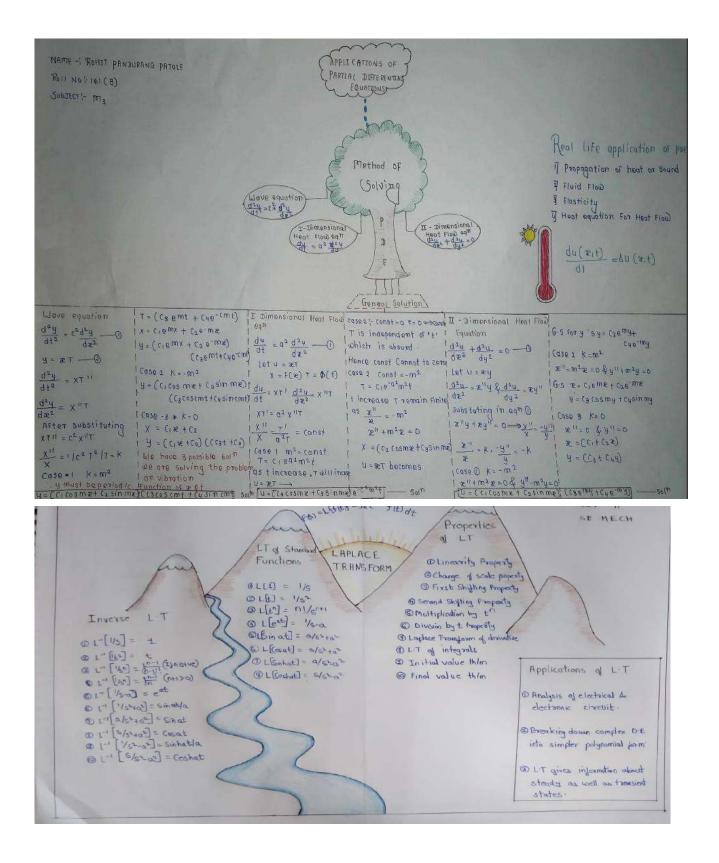
2. Do you find that methodology is			
helpful to cover the content beyond	73.20%	26.80%	-
syllabus?			
3.Does this help you increase your	750/	250/	
knowledge of the topic?	75%	25%	-
4. Does the content covered are			
relevant and will be helpful as a	64.30%	28.60%	7.10%
Life-long learning?			
5. Do you want to conduct such	== ===(	2.50/	1.000/
an activity again?	73.20%	25%	1.80%

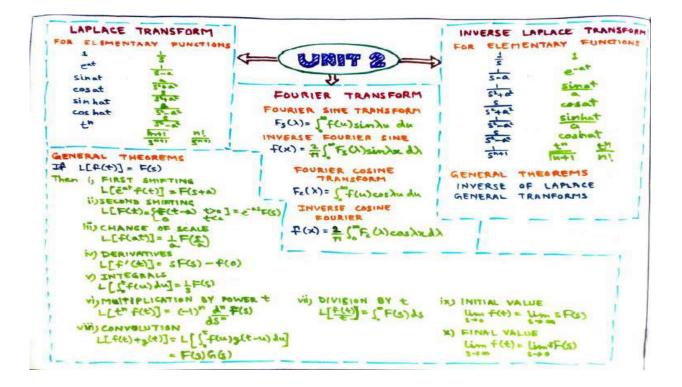
#### 12. Activity Picture

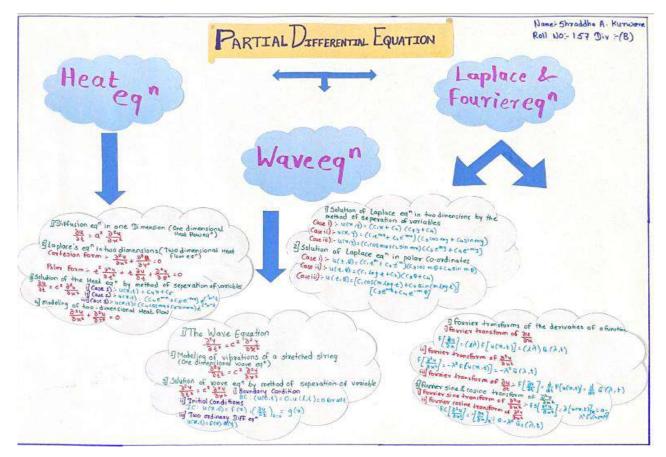


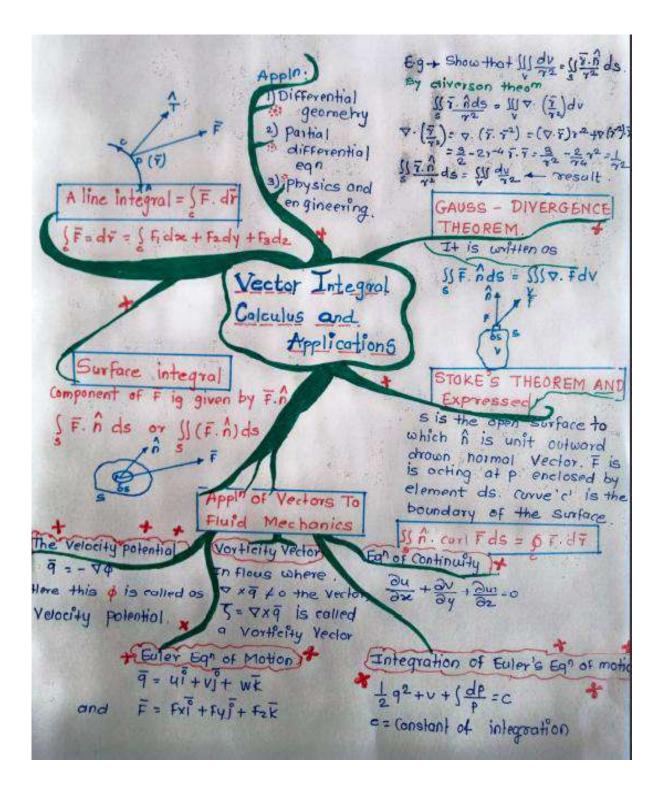


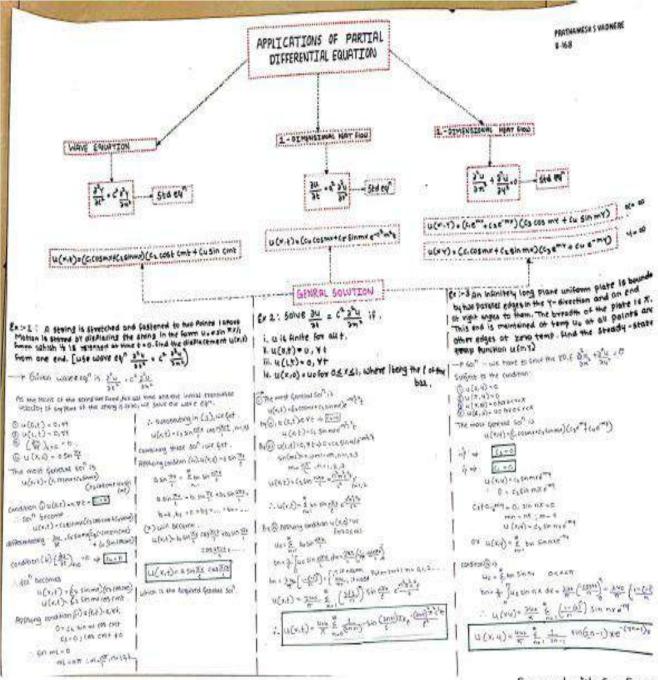






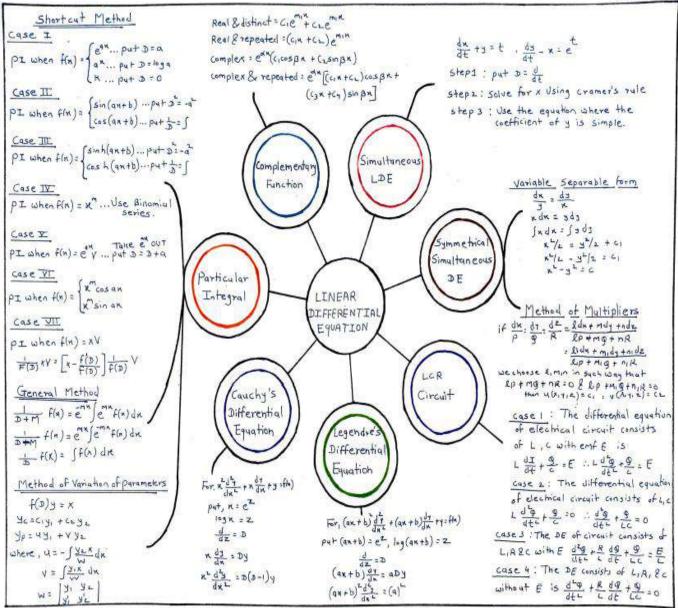


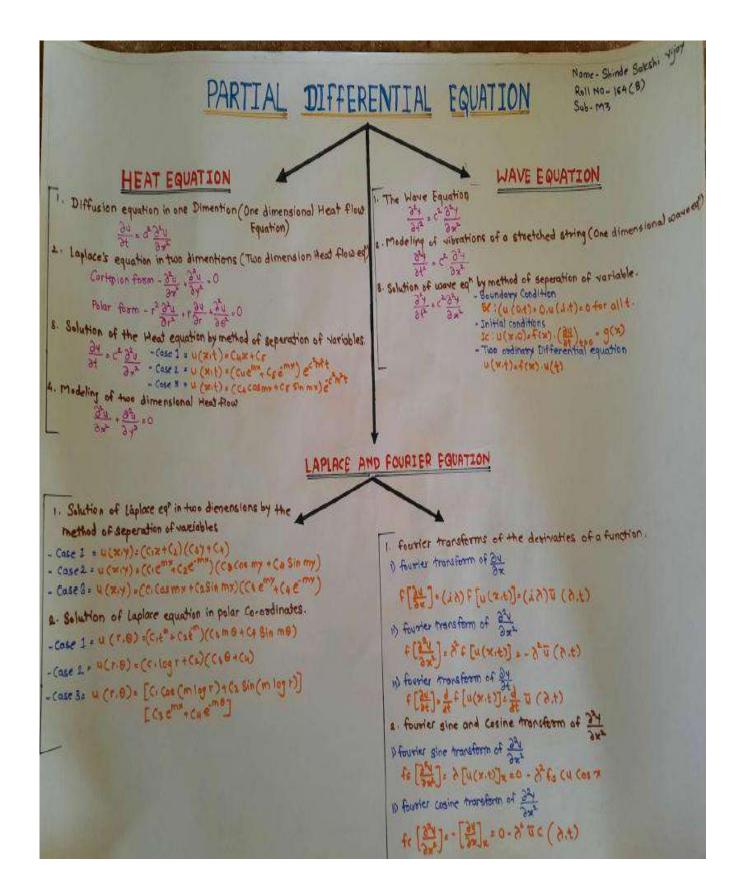




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Roll No : 34





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

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Damase

Ms. M.G.Dhumase Subject Incharge

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Dr. S. M. Bhati Module Coordinator Dr.V.C.Shewale HOD