



Department of Applied sciences & Humanities

Innovative Teaching Method (Poster Presentation) - Report

Academic Year –2024-25	Class –F.Y.B.Tech.
Semester–I	Date: 25/11/2024
CO: CO3	PO:PO1, PO2

Title of Innovation method/activity: Poster Presentation

(Unit 3: Application of Linear Algebra)

Name of Faculty: Ms .Nerkar J.J. , Ms. Tamboli V.A., Ms. Khelukar P.S.

Course: Engineering Mathematics-I (100101)

Objectives:

- Clear the concept.
- It helps students to think individually.
- More involvement of students.

Instructions of Activity:

- The activity is to be performed in group
- Group consists of 5 students.

2. 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 Poster. Student's interest in the subject will increase.

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 increases the interest of students in learning Engineering Mathematics.

3. Roles and Responsibilities

• **Teacher**

- Elaborate regarding activity.
- Encourage students to prepare Poster.
- 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 in group while preparing the Poster Presentation.
- Actively participate in Poster Presentation activity and contribute their knowledge regarding the topic covered.

4. Assessment Tools: Maximum Marks 8

Completeness	3	2	1
	Excellent	Good	poor
	All elements included in sufficient details	All elements included with some covered superficially	Few elements are included
Organization	3	2	1
	Excellent	Good	poor
	Content presented in clear manner, clear connection among presentation of group members, all participated	Generally satisfactory with a few minor lapses	Difficult to follow flow and structure
Oral Presentation Skills	2	1	
	Excellent	Satisfactory	
	Voice level and expression nonverbal communication and eye contact, all appropriate good flow of content seen at ease	Generally satisfactory with a few minor lapses. Oral communication problems clearly found	

5. Sample Evaluation sheet of attendee:

Activity Based Assessment Engineering Mathematics-I (100101) AY-2024-2025

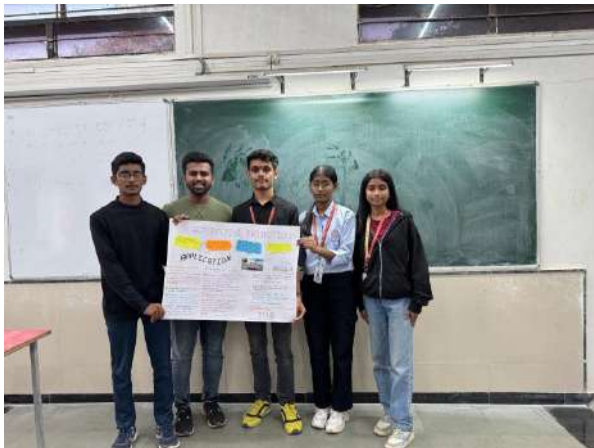
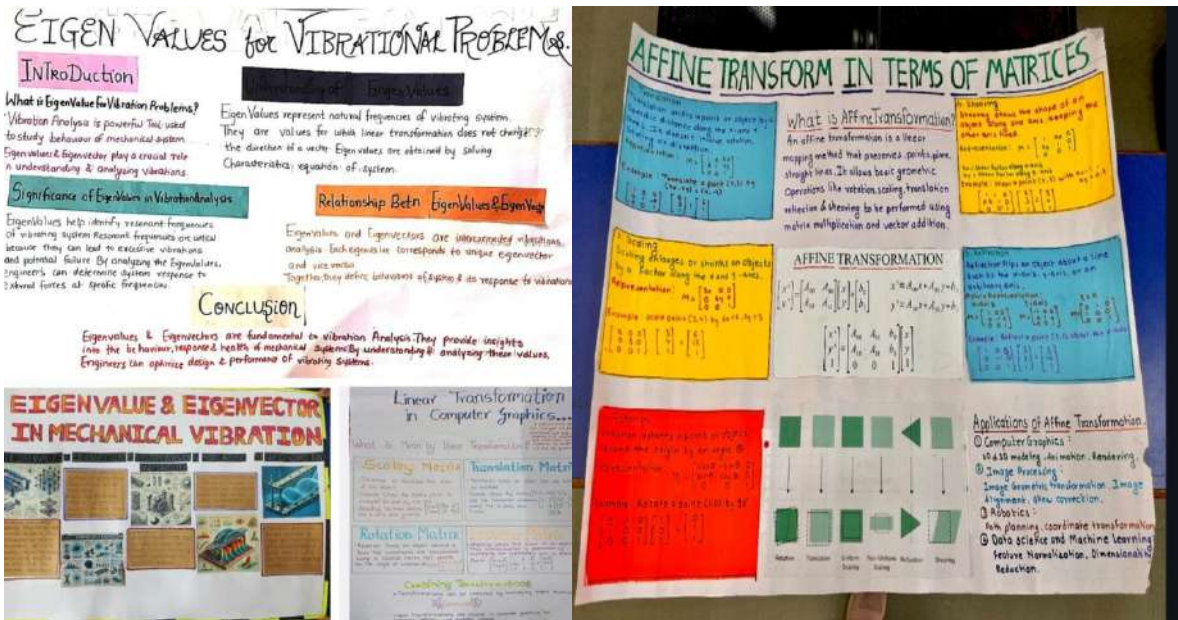
Computer-B

Group No.	Roll No.	Name Of Students	Topic	Completeness (3)	Organization (3)	Timely Submission (2)	Total (8)
1	70	GUNJAL AKSHARA	Translation using matrices	2	3	2	7
	71	HIRAY ADITYA		2	2	2	6
	72	JADHAV RUSHIKESH		2	2	2	6
	73	JADHAV ADITI		2	3	2	7
	74	JADHAV TANISHQ J		2	2	2	6
2	75	JADHAV PRESHITA	Affine Transform in terms of matrices	2	3	2	7
	76	JADHAV RIYA		2	3	2	7
	77	JADHAV ARYA		2	3	2	7
	78	JADHAV PAYAL		2	3	2	7
	79	JADHAV DIVYA		2	3	2	7
3	80	JADHAV AAYUSH	The Projection Transformation as the application of matrices	2	2	2	6
	81	JADHAV PRACHI		2	3	2	7
	82	JADHAV TEJAS		2	3	2	7
	83	JAIN AYUSH DILIP		2	3	2	7
	84	JOSHI TEJAS VIVEK		2	3	2	7
4	85	KACHARE RITESH	Perspective projection and orthographic projection as application of matrices	2	2	1	5
	86	KAKUSTE SAMRUDDHI		2	2	2	6
	87	KANKATE ARYA		2	2	2	6
	88	KAPADI AKSHADA		2	3	2	7
	89	KAPADNIS ARYAN		2	2	2	6
5	90	KARANKAL MOHIT	Reflection and dilation using matrices	2	3	2	7
	91	KASHMIRE AARYA		2	3	2	7
	92	KHAIRNAR ATHARVA		2	2	2	6
	93	KHANDEKAR PRANAV		2	2	2	6
	94	KINAGE SHANTANU		2	2	2	6
6	95	KORDE ABHINAV	Rotation matrix and its uses	2	3	2	7
	96	KOTHAWADE VEDANT S		2	2	2	6
	97	KOTHULE PRIYANKA S.		2	3	2	7
	98	KOTKAR VEDASHRI		2	2	2	6
	99	KULKARNI PRANJALI		2	3	2	7
7	100	KUMAVAT MRUNAL	Change of scale using matrices	2	2	1	5
	101	KURIL SAURAV SUNIL		2	2	2	6
	102	LABHADE KARAN		2	2	2	6
	103	LABHADE VIASHNAVI		2	2	2	6
	104	LONDHE MAITHILI		2	3	2	7
8	105	LOYA MAHESH	Use of linear	2	2	2	6

	106	MAHAJAN HITESH	transformation in computer graphics	2	3	2	7
	107	MAHALE NEHUL VINOD		2	3	2	7
	108	MAIND VAISHNAVI		2	3	2	7
	109	MANKAR SHARVARI		2	3	2	7
9	110	MORE TEJAS	Eigenvalues for vibration problems	3	3	2	8
	111	MORE PRASAD DEEPAK		2	2	2	6
	112	MUNDADA SAMIKSHA		3	3	2	8
	113	MUTHAL PRAYAG		2	2	2	6
	114	MUTHAL ANUJA NITIN		3	3	2	8
10	115	NAGANE SAKSHI	Significance of eigenvalues and eigenvectors in Mechanical Vibrations	2	3	2	7
	116	NAGARE RIYA SHAILESH		2	3	2	7
	117	NAGARE OM SOMNATH		2	3	2	7
	118	NAGMOTI ANUJA		2	2	2	6
	119	NEHARE SANIKA		2	2	2	6
11	120	NERKAR SARTHAK	Use of matrix in mechanical vibration theory	2	3	2	7
	121	NIKAM ANAGHA		2	3	2	7
	122	NIRWAL RAVIRAJ		2	2	2	6
	123	NYAHARKAR ISHWARI		2	2	2	6
	124	OLAKKENGIL CLEVIN		2	3	2	7
12	125	PADVI ADITI NITIN	Applications of matrix in economics	2	2	1	5
	126	PAGAR AARYA HEMANT		2	3	2	7
	127	PAGARE MAYUR		2	2	2	6
	128	PAGARE TANVI		2	3	2	7
	129	PAGARIYA HARSHAL		2	3	2	7
13	130	PAGERE UMESH	Use of matrix in signal processing	2	3	2	7
	131	PANGAVHANE SUMIT		2	3	2	7
	132	PARDESHI TANVI		2	2	1	5
	133	PASRICHA ARNAV		3	3	2	8
	134	PATHAN JIYA CHAND		2	2	1	5
14	135	PATIL KALPESH	Applications of matrices in control theory	2	3	2	7
	136	PATIL JAYESH SUNIL		2	2	2	6
	137	PATIL BHAVESH		2	2	2	6
	138	PATIL HARSH KIRAN		2	2	2	6

- R1: Completeness :(3)
R2: Organization :(3)
R3: Timely submission:(2)

6. Activity Picture



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

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