

Department of Applied sciences & Humanities

Innovative Teaching Method (Poster Presentation) - Report

Academic Year –2024-25	Class: F.Y.B.Tech. ETC
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: Dr. S. M. Bhati

Course: Engineering Mathematics-I (100101)

Objectives:

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

Instructions of Activity:

- 1. The activity is to be performed in group
- 2. 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 o f 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

Grou p No.	Roll No.	Name Of Students	Торіс	Complete ness (3)	Organizatio n (3)	Timely Submissio n (2)	Total (8)
1	1	Yash Manoj Aher		3	3	2	8
	2	HARSHAL KAILAS AHIRE	Translation using matrices	2	3	2	7
	4	SNEHA NITIN ANDHALKAR		2	3	2	7
	5	Ashlesha Arun Anjarkar	_	2	2	2	6
	6	SUMIT SUBHASH APSUNDE		2	3	2	7
2	7	RITESH PRAVIN BACHHAV	Affine	2	3	2	7
	8	KARTIK GANESH BARI		2	3	2	7
	9	Deepesh Umesh Bhope	Transform in	2	3	2	7
	10	VAISHNAVI VIJAY BOCHARE	terms of matrices	2	3	2	7
	11	KANCHAN SAMADHAN BORADE		2	3	2	7
3	12	Anushka Pradeep Boraste		2	3	2	7
	13	MAYUR DNYANESHWAR CHAUDHARI	The Projection Transformatio n as the application of matrices	2	3	2	7
	14	ISHAAN SUDEEP CHINCHORE		2	3	2	7
	15	ASMITA SAMPAT DATIR		2	3	2	7
	16	MANISH LALIT DEORE		2	3	2	7
4	17	ADITYA SANJAY DEORE	Perspective projection and orthographic projection as application of matrices	2	2	1	5
	18	PRITI BHAUSAHEB DHABALE		2	2	2	6
	19	RUTUJA POPAT DHATRAK		2	2	2	6
	20	TUSHAR BHARAT DHOLE		2	2	2	6
	21	ISHWARI SANTOSH		2	2	2	6
5	22	ADNAN MOHAMAD	Reflection and dilation using matrices	2	2	2	6
		ARIF DOSANI		2	2	2	0
	23	Dhiraj Gorakhnath Fulmali		2	3	2	7
	24	NIKITA RAJENDRA GAIKAWAD		2	2	2	6
	25	SHIVANJALI SUNIL GANGODE		2	3	2	7
	26	SHRAVANI VASANT GAVATE		2	3	2	7
6	27	AVINASH SURESH GHOLAP	Rotation	2	2	2	6
	28	Rohit Jitendra Girase	matrix and its	2	2	2	6

	29	Vaibhav Jalindar Gujar	uses	2	2	2	6
	30	NILESH DATTATRAY JADHAV		2	2	2	6
	31	Shivani Shrikrishna Kabade		2	3	2	7
7	32	GAURI CHANGADEV KHALKAR		2	3	2	7
	33	SAMRUDDHI CHANDRAKANT KHODE	Change of scale using matrices	2	2	2	6
	34	SURAJ SUNIL MAHAKALE		2	2	2	6
	35	SOHAM SANDIP MANDALIK		2	2	2	6
	36	HARSHAL NANDU MORE		2	3	2	7
8	37	VAISHNAVI VIJAY MORE		2	3	2	7
-	38	SHIRPAD RAJENDRA NIGAL	Use of linear	1	1	1	3
	39	SHANTANU SANTOSH NIKAM	transformatio	2	3	2	7
	40	SHRADDHA RAVINDRA PADOL	graphics	2	3	2	7
	41	SUSHIL DATTU PAGARE		2	3	2	7
9	42						
	43	ADITYA RAJENDRA PATIL	Figenvalues	2	2	2	6
	44	ROSHAN NARAYAN PAWAR	for vibration	3	3	2	8
	45	SHREYASI WALMIK PAWAR	problems	2	3	2	7
	46	Krishna Ishwar Pawar		2	2	2	6
10	17	BHOOMI SUNIL				_	
	47	PAWAR VEDANT MUKUND	Significance of eigenvalues and eigenvectors in Mechanical Vibrations	2	3	2	7
	48			2	2	2	6
	49	POTDAR		2	3	2	7
	50	Harshad Anil Rathod		2	2	2	6
	51	DNYANESHWAR SAHANE		2	3	2	7
11	52	YUVRAJ SANTOSH SATPUTE	Use of matrix in mechanical vibration theory	2	3	2	7
	53	KALYANI GANESH SAWANT		2	3	2	7
	54	ADITI DEVADAS SHETTY		2	3	2	7
	55	PRACHI PUNDLIK SHINDE		2	3	2	7
	56	SHREYA PRAVIN SINKAR		2	3	2	7
12	57	ABHIJIT NARAYAN SURWADE		2	2	2	6
	58	Aarti Sandip Tidake	Applications	2	3	2	7
	59	ADITI DHIRAJ TIWARI	of matrix in	2	3	2	7
	60	VAIDANTI DNYANESHWAR UGALE	economics	2	3	2	7

	61	SAHIL GOPAL UGHADE		2	2	2	6
13	62	NIRMAL DILIP WADETTIWAR	Use of matrix	2	2	2	6
	63	RADHIKA SURESH WADGHULE		2	3	2	7
	64 ANIKET DATTATRAY WAGH in signal	2	3	2	7		
	65	PRIYADARSHINI TUKARAM WAGH	processing	3	2	2	7
	66	RAJASHREE VIKAS WAGH		2	2	2	6
14	67	MANASVI DHIRAJ WANI	2	2	2	6	
-	68	AAYUSH ANANT YEOLE	Applications of matrices in control theory	2	2	2	6
	69	AKANKSHA SHAHAJI KOKATE		2	3	2	7

- 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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Dr. S. M. Bhati

Subject Incharge

Dr.S.M.Bhati Subject Chairman

Be

Dr. S.J.Kokate BOS Chairman