Poster Presentation

Poster Presentation Report (PPR)

1. Program Location : Ramachandra College of Engineering, Eluru.
2. Program date : 29/01/2022
3. Name of the Coordinators : Mr.M.Vimal Teja
   Mr.K.Ravindranath
   Mrs. P. Esther Shanthi
4. No. of Candidates attended the Program : 70
6. List of Participants : Annexure – I (attached)
7. Program Schedule : Annexure – II (attached)
8. Photographs of the Program : Annexure – III (attached)

Coordinators **HOD** **Principal**

RAMACHANDRA
COLLEGE OF ENGINEERING
NH-16 Bypass Road, Vatluru (V), Eluru-534007, W.G Dt., A.P.

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Accredited by NBA (ME, ECE, CSE)
ISO 9001 : 2015 Certified

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 18-01-2022.

CIRCULAR

It is hereby informed to all the students of I-B.Tech mechanical engineering will be conducted **POSTER PRESENTATION** on 29/01/2022.

Topics:

1. Health & safety
2. Multi disciplinary engineering
3. Ethics
4. Social Responsibility

CO-ORDINATOR HOD PRINCIPAL

1)
2)
3)

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Date: 18-01-2022.

Guidelines for Poster presentation

1. Presentation Time should not exceeds **10 minutes.**
2. Students should follow the dress code
3. Prepare Poster wisely with **important points** and **names** should mention on the charts.

CO-ORDINATOR HOD PRINCIPAL

1)

2)

3)

DEPARTMENT OF MECHANICAL ENGINEERING

REGISTRATION SHEET

S.NO	NAME OF TOPIC	NAME OF THE STUDENTS/TEAM
1	MULTIDISCIPLINARY ENGINEERING	1.SATHWIK (21ME1AO325) 2.JAI VEERAM SRINIVAS (21ME1AO323)
2	MULTIDISCIPLINARY ENGINEERING	1.DHANUSH (21ME1AO304) 2.GOPI (21ME1AO324)
3	HEALTH & SAFETY	1.BHARGAV (21ME1AO312) 2.RAMESH (21ME1AO329)
4	HEALTH & SAFETY	1.P. SRINIVAS (21ME1AO316) 2.P. VIJAY (21ME1AO318)
5	HEALTH & SAFETY	1.R. SUNIL (21ME1AO322) 2.SUDHARSHAN (21ME1AO308)
6	SOCIAL RESPONSIBILITY	1.B MAHESH (21ME1AO305) 2.CH ASHOK (21ME1AO307)
7	HEALTH & SAFETY	1.PARDHU (21ME1A0321) 2.HARI CHARAN (21ME1A0326)
8	HEALTH & SAFETY	1.K UMA MAHESH (21ME1A0310) 2.ABHIRAM (21ME1A0315)
9	SOCIAL RESPONSIBILITY	1.SANDEEP (21ME1A0313) 2.PRASHANTH (21ME1A0317)
10	SOCIAL RESPONSIBILITY	1.NARENDRA (21ME1A0314) 2.MANOJ (21ME1A0327)
11	MULTIDISCIPLINARY ENGINEERING	1.A AJYA (21ME1A0319) 2.PRABHU RAJ (21ME1A0301)
12	SOCIAL RESPONSIBILITY	1.PAVAN (21ME1A0311) 2.INDHU SHEKAR (21ME1A0306)
13	HEALTH & SAFETY	1.NAVEEN (21ME1A0320) 2.VIJAY (21ME1A0328)
14	SOCIAL RESPONSIBILITY	1. A UMA MAHESH (21ME1A0302) 2. B RAJA (21ME1A0303)

COORDINATORS

HOD

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET

S.NO	NAME OF TOPIC	NAME OF THE STUDENTS/TEAM	SIGNATURE
1	MULTIDISCIPLINARY ENGINEERING	1.SATHWIK (21ME1AO325) 2.JAI VEERAM SRINIVAS (21ME1AO323)	T. Sathwik. R. Jaiveeram Srinivas
2	MULTIDISCIPLINARY ENGINEERING	1.DHANUSH (21ME1AO304) 2.GOPI (21ME1AO324)	B. Dhanush J. Gopi Sai Krishna.
3	HEALTH & SAFETY	1.BHARGAV (21ME1AO312) 2.RAMESH (21ME1AO329)	K. Bhargav V. Ramesh
4	HEALTH & SAFETY	1.P. SRINIVAS (21ME1AO316) 2.P. VIJAY (21ME1AO318)	P.N.V. Srinivas P. Vijay babu
5	HEALTH & SAFETY	1.R. SUNIL (21ME1AO322) 2.~~SUDHARSHAN (21ME1AO308)~~	R. SUNIL B. uma venkata mahesh
6	SOCIAL RESPONSIBILITY	1.B MAHESH (21ME1AO305) 2.CH ASHOK (21ME1AO307)	B. Mahesh Ch. Ashok
7	HEALTH & SAFETY	1.PARDHU (21ME1A0321) 2.HARI CHARAN (21ME1A0326)	P. Pardhasaradhi R. Hari Charan
8	HEALTH & SAFETY	1.K UMA MAHESH (21ME1A0310) 2.ABHIRAM (21ME1A0315)	Uma Abhiram
9	SOCIAL RESPONSIBILITY	1.SANDEEP (21ME1A0313) 2.PRASHANTH (21ME1A0317)	N.D. Sandeep P. Prashanth
10	SOCIAL RESPONSIBILITY	1.NARENDRA (21ME1A0314) 2.MANOJ (21ME1A0327)	N. Narendra Reddy V. Manojkumar
11	MULTIDISCIPLINARY ENGINEERING	1.A AJYA (21ME1A0319) 2.PRABHU RAJ (21ME1A0301)	P. Ajay A. Prabhu Raju
12	SOCIAL RESPONSIBILITY	1.PAVAN (21ME1A0311) 2.INDU SHEKAR (21ME1A0306)	PAVAN Ch. Indu Sekhar
13	HEALTH & SAFETY	1.NAVEEN (21ME1A0320) 2.VIJAY (21ME1A0328)	P. Naveen Kumar V. Vijay Kumar Pillai
14	SOCIAL RESPONSIBILITY	1. A UMA MAHESH (21ME1A0302) 2. B RAJA (21ME1A0303)	Raja

COORDINATORS

HOD

ANNEXURE – II

PROGRAMME SCHEDULE

Date & Day	Session	Subject / Topic
1	2	3
29-01-2022	I 01:30-02:00	Inauguration
	II 02:00-04:00	Poster Presentation by Students

Teja
Coordinator

Details of Program

According to proposed plan, mechanical department of RCE organized a Poster making competitions which was held on Saturday, January 29, 2022 for the Mechanical students of B tech first year. The Theme was

1. Health and safety
2. Multi disciplinary Engineering
3. Ethics

Students were asked to express their ideas through paintings and sketches. The young learners displayed their artistic skills through an array of posters.

Students participated in the competition with immense zeal and enthusiasm and made beautiful posters which gave the message of health and safety and ethics.

It was a great opportunity to watch these young minds creating and displaying their ideas on paper.

The students thoroughly enjoyed the activity.

This activity kept the student engaged and it was organized to explore and encourage creativity in students and offer them a platform to showcase their skills. It inspired them to think and work creatively in order to promote artistic excellence.

Students participated earnestly in the competition. They came up with amazing creativity. Their efforts and initiative was appreciated by one and all.

The final judgment was made by the external source, faculty members from FED department. The rubrics for judgment were: Originality, Clarity of expression, Uniqueness, Close to the Theme.

Teja
Coordinator

COURSE OBJECTIVES

On completion of this Poster Presentation, The student shall be able to:

S.No	Course Objective	Outcome
P-CO1	This course objective is to make the student understand the basic engineering concepts and communication skills.	The student will get command over the basic fundamentals and functionalities of presented engineering concepts as well as presentation skills
P-CO2	This event imparts the basic design and working analysis of different engineering concepts	It provides students with an opportunity to learn by doing, in turn strengthening the learning. Students are able to visually represent the key points and while presenting elaborate on the same which facilitates their retention and recall of events and facts
P-CO3	Poster making can be done in pairs or groups with students working on a common topic or separate topics. Abstract topics help to stimulate the flow of ideas and encourage students to think out of the box. Presenting the posters in front of the class also opens up a forum of discussion for the students.	The student will know the Team work management and ethics to follow during work.

Signature of the Coordinator

COURSE OUTCOMES

The expected outcomes of the Course are:

S.No	General Categories of Outcomes	Specific Outcomes
PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.	The ability to apply the concepts of science & engineering fundamentals.
PO2	Problem analysis: Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	The participant will be analyse different engineering concepts and literature for innovative presentation
PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.	The student will be able to select the required concept and explore the optimal solution by their research
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.	
PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.	Participant able to know the different ICT tools for presentation and focus on different techniques for resource management
PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	The learner and participant will be aware of societal, health Safety which will give immense impact upon their knowledge
PO7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	Understand the impact of Environment and sustainability
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	The participant will be able to motivate the learner towards aesthetic and ethical
PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	Student will participate in this competition as team. Students able to learn individual work to contribute as Team
PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	The Participant and Learner will improve communication while practicing and delivery during presentation
PO11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	Participants able to learn Project Team management
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	The learner will be able to have the broadest idea upon which user satisfaction is dealt firmly and compulsorily without any hesitation and deviation in accordance with the updated technology and trends of user needs.
PSO1	An ability to analyze, design and evaluate mechanical components and systems using state-of-the-art software tools needed for Mechanical Engineers as demanded by the industries from time to time.	Students able to design and evaluate the engineering concepts
PSO2	An ability to work in operation and Maintenance plants of manufacturing and other sectors	Students are able to know the different operation concepts of engineering
PSO3	Imbibing confidence to design, redesign, produce and reproduce the Mechanical Engineering components at any scale	The participant and Learner able to build confidence and Conceptual Knowledge of Engineering concepts

1. Objectives – Outcome Relationship Matrix

CO - PO Matrix												
CO.NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
P-CO1	3	3	2	1	3	3	3	3	3	3	3	3
P-CO2	3	3	2	1	3	3	3	3	3	3	3	3
P-CO3	3	3	2	1	3	3	3	3	3	3	3	3
Avg	3	3	2	1	3	3	3	3	3	3	3	3
Note: Enter correlation levels 1 for Slight (Low), or 2 for Moderate (Medium) or 3 for Substantial (High), 0 for no correlation												

CO – PSO matrix			
CO	PSO1	PSO2	PSO3
P-CO1	3	3	3
P-CO2	3	3	3
P-CO3	3	3	3
Average	3	3	3

Signature of the Coordinator

ANNEXURE – III

Photographs of the Program

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Coordinators

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Mr.K.Ravindranath ,

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