



# MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY



## Institution's Innovation Council - MJCET

**Session Details:** Prescribed Annual Calander Activities (Quarter 2-Activity 1)

**Title of the session:** Workshop on Design Thinking

**Date:** 04-01-2025

**Duration:** 10:30AM to 12:30PM (2 Hours)

**Activity Category:** IIC Calendar

**Theme:** Inspiration, Empathy, Ideation, Prototyping and Testing

**Expert/Speaker Details:**

**Name:** Dr. K. Hema Latha

**Designation:** Associate Professor, MED

**Organization:** MJCET

**Brief about Expert/Speaker:**

Dr. K. Hema Latha, Associate Professor in Mechanical Engineering, specializes in Automation, Robotics, and Magneto-Rheological Fluids. With 20 years of teaching experience, she has 21 journal publications, patents, and authored a book on Blockchain. She received the AIR2022 Best Research Award and Dr. A.P.J. Abdul Kalam Lifetime Achievement Award.

**Outcome of the activity:**

The workshop on Design Thinking aimed to introduce participants to the fundamental concepts of design thinking and provide hands-on experience in using it to solve real-world problems. It was structured to give both theoretical knowledge and practical exposure to the methodology, focusing on human-centered design, empathy, ideation, prototyping, and testing. The workshop catered to individuals from diverse backgrounds, such as business, technology, and design, who were interested in applying creative problem-solving techniques in their work environments:

The Objective of the workshop is to guide and motivate the students for the following points

- To understand the core principles of Design Thinking and its relevance in today's problem-Solving landscape.
- To provide a step-by-step guide on how to implement Design Thinking in various contexts.
- To enhance collaboration skills among participants by working in cross-disciplinary teams.
- To explore real-world applications of Design Thinking through practical exercises and group activities.



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### Key Highlights:

The workshop was held for two hours, with interactive session. The key topics covered during the session included:

- Introduction to Design Thinking: Understanding the mindset and stages of Design Thinking.
- Empathy: Techniques to gain insights into user needs, challenges, and experiences.
- Define: Defining the problem in a clear and concise manner.
- Ideation: Brainstorming and creative thinking to generate a wide range of ideas.
- Prototyping: Creating low-fidelity prototypes to visualize solutions.
- Testing and Iteration: Evaluating prototypes and refining solutions based on user feedback.
- Implementation in Real Life: Discussing how participants can apply Design Thinking in their respective organizations.

### Participant details:

Total no. of Student participation: 30

Total no. of Staff (Teaching/Non-teaching) participation: 5

Three to four Photographs/Screenshots that show the participation of students and Staffs (Teaching/Non-teaching)





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**Attendance details**

**Faculty List:**

S.No.	Name of the Faculty	Department	Designation
1.	Mr. Ahmed Abdul Muneem	MED	Asst. Prof.,
2.	Mr. Syed Adil	MED	AssT. Prof.,
3.	Mrs.Ayesha Siddiqua	CS&AI	Asst. Prof.,
4.	Mrs. K Mohammadi Jabeen	CS&AI ITD	Asst. Prof.,
5.	Barkat Ali Khan	CED	Asst. Prof.,
6.	Sayyada Hajera Begum	ITD	Asst. Prof.,
7.	Mohd Abdul asheed	ITD	Asst. Prof.,
8.	Samatha K	ITD	Asst. Prof.,
9.	Shubhangi Saxena	ECED	Asst. Prof.,
10.	Md. Noorullah Khan	ECED	Asst. Prof.,

**Student List:**

S.No.	Roll No.	Name of the Student	Department
1	1604-23-747-004	Bushra Anjum	AI &DS
2	1604-23-747-010	Zeenath Jahan	AI &DS
3	1604-23-747-022	Mohammed Saqib Ur Rahman	AI &DS
4	1604-23-747-020	Sunar Wajeed	AI &DS
5	1604-23-747-026	Shaik Azeem	AI &DS
6	1604-23-747-032	Mohammed Ehsaan Ahmed	AI &DS
7	1604-23-747-033	Mohammed Mujtaba Jafar	AI &DS
8	1604-23-747-044	Ayman Khaleel Ahmed	AI &DS
9	1604-23-747-045	Bepar Noor Akmal	AI &DS
10	1604-23-747-302	Mohammed Abraar	AI &DS
11	1604-23-747-303	Shaik Mujtaba Mohiuddin	AI &DS
12	1604-23-747-304	Mohd Harisuddin Anees	AI &DS
13	1604-23-748-005	Samia Areej	AI &ML
14	1604-23-748-009	Nooren Fatima	AI &ML
15	1604-23-748-010	Zahraa Afsheen	AI &ML
16	1604-23-748-019	Syed Adnan Shareef	AI &ML
17	1604-23-748-024	Mohammed Hassan	AI &ML
18	1604-23-748-033	Mohammed Abdullah Sohail	AI &ML
19	1604-23-748-038	Devaki Jashwanth	AI &ML
20	1604-23-748-045	Shaik Md Huzaifa	AI &ML



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21	1604-23-748-046	Mohammed Saif Ahmed	AI &ML
22	1604-23-748-050	Mohammed Saleh Bawazir	AI &ML
23	1604-23-748-303	Md Adnaan	AI &ML
24	1604-23-748-305	Mohammed Tajammul Khan	AI &ML
25	1604-19-737-002	Nooheen Jahan	ITD
26	1604-19-737-003	Anam Suroor	ITD
27	1604-19-737-004	Taha Tarannum	ITD
28	1604-19-737-066	Reddivari Sahithi	ITD
29	1604-19-737-086	Karthik Veerapaneni	ITD
30	1604-19-737-105	Mohammed Abdul Gaffar	ITD

Principal,  
Dr. Mahipal Singh Rawat,  
MJCET (President, IIC)