



**MUFFAKHAMJAH COLLEGE OF
ENGINEERING AND
TECHNOLOGY**

Institutions' Innovative Council 7.0



Prescribed Annual Calendar Activities
IICs – 2024-25 (Academic Calendar)
IIC Calendar Activity-Quarter II
Workshop on Waste to Energy technologies (Marketing Strategies)

Date: 10/02/2025, 11/02/2025

Timings: 1:00 to 6:00 pm

Speaker: Dr. Mohammed Viqar Mohiuddin

HEAD & Professor in MED

To fulfill the mandate of MHRD, MJCET IIC is formed to focus on creating a complete ecosystem that will foster the culture of innovation from ideas generation to pre-incubation, incubation, and graduating from the incubator as successful start-ups. MJ-IIC is encouraging the students and faculty members to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures.

MJ-IIC is determined to conduct various innovation and entrepreneurship-related activities and to interact with entrepreneurs, investors, professionals and to create a mentor pool for student innovators.

Objective:

Institution Innovation Council, Muffakham Jah College of Engineering (MJ-IIC) has organized a Self-Driven Activity on title "Waste to Energy technologies", dated: 10/02/2025-11/02/2025 Timings: 1:00 p.m. to 6:00 p.m.

Speaker: Dr. Mohammed Viqar Mohiuddin

The Workshop on "Waste to Energy Technologies" aimed to educate participants on innovative solutions for sustainable waste management by converting waste into energy. It provided a platform to explore various WTE technologies, including incineration, pyrolysis, gasification, and anaerobic digestion, highlighting their efficiency, environmental impact, and economic viability. The workshop also focused on the regulatory frameworks governing WTE projects, addressing national and international policies, emission standards, and government incentives. Additionally, it encouraged collaboration between industry experts, researchers, and policymakers to drive innovation and investment in the sector. By promoting circular economy principles, the workshop emphasized reducing landfill dependency,

minimizing carbon emissions, and maximizing resource recovery. Through discussions on challenges and potential solutions, the event sought to pave the way for effective WTE implementation, fostering a cleaner and more sustainable future.

1. Understanding Waste-to-Energy (WTE) Processes – Participants gained knowledge about different technologies such as incineration, pyrolysis, gasification, anaerobic digestion, and landfill gas recovery.
 2. Technology Comparisons – Discussions on the efficiency, environmental impact, and cost-effectiveness of various WTE methods.
 3. Case Studies & Best Practices – Presentation of successful global and local projects showcasing effective WTE implementation.
 4. Emerging Innovations – Introduction to new advancements like plasma gasification, bio-refineries, and hybrid WTE solutions
- 05 Faculty members and 40 students attended the session.



MUFFAKHAM JAH
COLLEGE OF ENGINEERING & TECHNOLOGY
(THE SULTAN UL ULOOM EDUCATION SOCIETY)
Affiliated to Osmania University & Recognized by AICTE
Banjara Hills, Hyderabad 500 034



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD initiative)

Workshop on Waste to Energy technologies

SPEAKER:
DR. MOHAMMED VIQUAR MOHIUDDIN.
PROFESSOR, MED,
MJCET

DATE:10-02-2025 TO 11-02-2025 TIMINGS: 1:00 TO 6:00 PM

ORGANIZED BY INSTITUTION INNOVATION COUNCIL (IIC) MJCET





The following faculties attended the session

S. No	Faculty Members	Department
1.	Dr. Arshad Mohammed	EED
2.	Mr Mohammed Umair Quadri	EED
3.	Mr. Mohammed Abdullah	EED
4.	Dr. G Sailaja	EED
5.	Dr. Mohammed Sajid	EED

The following students attended the session

S. No.	Name of the student	Branch
1.	Ms. Muskan Begum	B.E.(EEE)
2.	Ms. Maliha Fatima	B.E.(EEE)
3.	Ms. Tahura Begum	B.E.(EEE)
4.	Ms. Juwairiyyah Ahmed	B.E.(EEE)
5.	Ms. Sumayya Anjum	B.E.(EEE)
6.	Ms. Sheeba Ahmed	B.E.(EEE)
7.	Ms. Saniya Anjum	B.E.(EEE)
8.	Ms. Khudiaja Mehvish	B.E.(EEE)
9.	Ms. Syeda Sadiya Tasleem	B.E.(EEE)
10	Ms. Shaik Afroze	B.E.(EEE)
11	Ms. Afshan Amreen	B.E.(EEE)
12	Ms. Afiya Fatima	B.E.(EEE)
13	Mohammed Abdul Rafy	B.E.(EEE)
14	Mohammad Ali	B.E.(EEE)
15	Tahir Mohammad	B.E.(EEE)
16	Mohammed Nehal	B.E.(EEE)
17	Shaik Kaifuddin	B.E.(EEE)
18	Mohd. Mujtaba Khan	B.E.(EEE)
19	Mohammed Ali Ahmed	B.E.(EEE)
20	Mohammad Abdul Rahman	B.E.(EEE)
21	Syed Asim Ahmed	B.E.(EEE)
22	Shaik Muhammad Ikram	B.E.(EEE)
23	Ibrahim Samadani	B.E.(EEE)
24	Arafat Ahmed	B.E.(EEE)
25	Safwan Abdul Majeed Azmi	B.E.(EEE)
26	Mohammed Abdul Ahad	B.E.(EEE)
27	Mohd Mustafa Khan	B.E.(EEE)
28	Syed Arham Munaf	B.E.(EEE)
29	Syed Masi uddin Riyan	B.E.(EEE)
30	Mohammed Khaleelullah	B.E.(EEE)
31	Syed Affan uddin	B.E.(EEE)
32	Mohd. Mustafa Khan	B.E.(EEE)
33	Md. Musthakheem	B.E.(EEE)
34	Mirza Farhaan Baig	B.E.(EEE)
35	Mohd. Omer	B.E.(EEE)
36	Mohammed Ahtheshamuddin Azmi	B.E.(EEE)
37	Syed Ateeb Mujtaba Hussaini	B.E.(EEE)
38	Syed Mohammed Zuhair	B.E.(EEE)
39	Mir Nizamuddin Ali Khan	B.E.(EEE)
40	Abdul Eiyad Siddiqui	B.E.(EEE)

41	Faiz Ahmed Khan	B.E.(EEE)
42	Mohammed Sameer Ali	B.E.(EEE)
43	Mohammed Farhan	B.E.(EEE)
44	Mohammed Furqaan	B.E.(EEE)



Principal,
Dr. Mahipal Singh Rawat,
MJCET