



Muffakham Jah College of Engineering and Technology – Institution's Innovation Council

Session Details: Project Exhibition for 3rd year students

Title of the session: Mini Project Expo 2025

Date: 22nd January , 2025

Duration: 10:00 AM – 4.30 PM

Activity Category: IIC Calendar

Theme: Innovation

Distinguished Judge: Shri Sanjeeb Kumar Padhee

Designation: ,GM (Retired)

Organization: BHEL, -R and D , Hyderabad

Brief about Expert/Speaker:

Outcome of the activity:

1. **Showcasing Innovation:** Students effectively demonstrated their creativity and technical skills through diverse projects addressing real-world challenges.
2. **Industry Insights:** Interaction with Shri Sanjeeb Kumar Padhee provided valuable feedback and insights into industry expectations and best practices.
3. **Enhanced Learning Experience:** The three-month project work allowed students to apply theoretical knowledge in practical scenarios, deepening their understanding of engineering concepts.
4. **Networking Opportunities:** The expo facilitated networking between students, faculty, and industry professionals, potentially leading to future collaborations or mentorships.
5. **Skill Development:** Participants honed various skills, including project management, teamwork, problem-solving, and technical presentation abilities.
6. **Recognition of Efforts:** The event recognized and celebrated student efforts, boosting their confidence and motivation for future projects.
7. **Feedback for Improvement:** Constructive critiques from judges helped students identify areas for improvement and potential avenues for further research and development.

8. **Inspiration for Future Projects:** The success of the expo inspired students to explore more innovative ideas and technologies in their upcoming academic endeavors.

Key Highlights:

1. **Diverse Project Range:** Projects spanned various domains of Electronics and Communication Engineering, showcasing creativity and interdisciplinary approaches.
2. **Notable Judge:** Shri Sanjeeb Kumar Padhee, a retired General Manager from BHEL, R&D, Hyderabad, served as the esteemed judge, bringing valuable industry experience.
3. **Innovative Solutions:** Projects like E-Braille and Kisaan Mitra demonstrated innovative solutions to social and agricultural challenges, highlighting the students' focus on real-world applications.
4. **Hands-on Experience:** Students showcased practical applications of theoretical knowledge, enhancing their learning and technical skills through hands-on project work.
5. **Engaging Presentations:** Participants delivered compelling presentations, effectively communicating their project concepts, methodologies, and outcomes to the audience.
6. **Encouragement of Innovation:** The event encouraged a culture of innovation and entrepreneurship among students, inspiring them to pursue future projects and research.

Participant details:

Total no. of Student participation: 102

Total no. of Staff (Teaching/Non-teaching) participation: 08

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



*Mini Project Expo 2025
Dept of ECE, MJCET*





Attendance details:

Mini Project Expo - 2025 Registrations							
S.No.	Student Name	Roll No.	Title of Project	Team Mates	Team no.	Signature	Remark
1.	Yusuf	1604-22-735-061	Security & Safety System	-062 -065	1.		
2.	Nazimullah	1604-22-735-064	Interactive human following bot	-063 -069	2.		
3.	Syeda Fathima	1604-22-735-061	Rescue - Bot	-302	3.		
4.	Samir	1604-22-735-070	Antilane track monitoring	-070 -068 -007	4.		
5.	Imam	1604-22-735-008	Voice controlled wheelchair	-085 -098	5.		
6.	Ahmad Rahman	1604-22-735-098	Para Care Connect	-098 -010	6.		
7.	Amir	1604-22-735-015	Water leakage detection system	-014	7.		
8.	Arham	1604-22-735-010	Robotic arm	-010 -36	8.		
9.	Sami Ahmed	1604-22-735-031	Sign Language translator	-031 -025 -031	9.		
10.	Abdul Mohd.	1604-22-735-026	Kazoo Home Security	-011 -039	10.		
11.	Syed MAAZ	1604-22-735-026	HOME AUTOMATION	-043 -053	11.		
12.	Md. Imzaman	1604-22-735-012	women safety device	-013 -016	12.		
13.	Md. Sameer	1604-22-735-046	Kitchen mixer	-042 -044	13.		
14.	Samir	1604-22-735-008	for Industrial safety	100-095-084	14.		
15.	Mohd. Rafiq	1604-22-735-048	Fire Filing Robot	-047 -045	15.		
16.	Syed Salman	1604-22-735-029	Automatic Car Parking System	-029 -30	16.		
17.	M.A. Raheem	1604-22-735-024	Footstep power Generation	-024 -033	17.		
18.	Syeda Ruqieya	1604-22-735-010	IV BHG MONITORING SYSTEM	-006 -009	18.		

Mini Project Expo - 2025 Registrations / Evaluation							
S.No.	Student Name	Roll No.	Title of Project	Team Mates	Team no.	Signature	Remark
19.	Urooj Firdous	004	Agarobot	001	19		
20.	Md. Abdul Nadeem	310	E Braille	003	20		
21.	Mohd. Ayaan	304	Smart Parking System	303, 312	21		
22.	Mohd. Aiman	311	Gesture Controlled Car	304, 309, 314	22		
23.	Mohd. Aiman	306	Password based dkt breaker	101, 103, 306	23		
24.	Mohd. Sohail	026	IoT based	037, 041	24		
25.	Md. Musafir	060	AI Monitoring & Control	41, 49	25		
26.	Raja Umay	313	Oscilloscope & fun. Generator	106, 107	26		
27.	Mohd. Talha	018	Hand following bot	19, 17	27		
28.	Abdul Hussain	022	Anti-sleep alarm Engine	022, 38	28		
29.	Syed Noman	002	Guard: Safe & Fitness Comp	2	29		
30.	Nazia Ghouse	073	DSO 38 Oscillator	33, 91	30		
31.	Ayaan Hashmi	073, 09	Face fighting Bot	77, 75, 71	31		
32.	Mohd. Gul	099	mini conveyor belt	81, 82	32		
33.	Syed Fawaz	072	RFID attendance system	076, 078	33		
34.	Zulqarnain MD				34		

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