

EWB MJCET REPORT 2023-2024

Engineers Without Borders: Engineers without Borders (EWB) – MJCET student chapter has been established in the year 2002 in affiliation with EWB-USA and currently it is affiliated to EWB-India. Its mission is inspired by an urgent concern for accelerating sustainable rural development, assisting in capacity building in backward rural and urban communities of India, protecting the countrys natural resource base and working across national boundaries for social and economic justice and for responsible use of technology.

Faculty Coordinators : Dr. Ishrat Meera Mirzana,
Mrs NBV Lakshmi Kumari
Student Governing Body

Sno	Position	Name	Roll No.	Department	Phone No.
1	President	Faizan Ahmed	1604-20-736-076	MECH	9908359717
2	Vice President	Shaik Muzammil Adnan	1604-20-736-010	MECH	7337406871
3	Secretary	Mohammed Abdul Kalam	1604-20-736-084	MECH	9642149573
4	Joint Secretary	Syed Abdul Quawi	1604-20-736-108	MECH	7842235912
5	Treasurer	Mohammed Riyazuddin	1604-20-736-091	MECH	9515791624
6	Project Manager	SyedFaraz Hussain	1604-20-736-072	MECH	7661887321
7	Event Manager	Mohammed Hyder Afnan	1604-22-733-029	CSE	8639270945
8	Website Manager	Atif Mohammed Khaleel	1604-22-733-023	CSE	7075821913
9	Communications Head	Khaja Moinuddin	1604-20-736-069	MECH	8688701017
10	Marketing Head	Mohammed Saqib Ahmed Faraz	1604-20-736-094	MECH	9398687678

1.Plantation Drive

Date: 14/08/2023 From 2.00 PM in MJCET Campus

The plantation drive took place on 14/07/2023 at MJCET Campus. NSS volunteers, along with faculty members participated in the event with great enthusiasm. The program commenced with an inaugural ceremony where the significance of tree plantation and environmental conservation

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was highlighted

EWB-MJCET in collaboration with NSS-MJCET conducted an online event which included online quiz. More than 70 participants have registered for the event.



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2. Medical Camp

Date: 15/07/2023

The medical camp was conducted on 15/07/2023 at MJCET, targeting economically disadvantaged communities. A team of healthcare professionals, including doctors, nurses, and support staff, collaborated with NSS volunteers to ensure the success of the event.



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3..Road Safety Awareness Program Report

Date: 10/08/2023

The road safety awareness program took place on 10/08/2023 at MJCET, targeting a diverse audience including drivers, pedestrians, students, and community members. The program featured interactive sessions, demonstrations, and educational materials designed to engage participants and impart practical road safety knowledge.

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4. Swachh Bharath Abhiyan

Date : 24/08/2023 at Govt.High School Erramanzil.



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5. World Environment Day : June 5 ,2024

In view of the World Environment Day a online quiz was conducted, more than 100 students participated in the quiz. Plantation Drive was organized at Government School Erramanzil explaining the importance of Plantation. More than 25 students participated in the program.



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PROJECT'S

1.Name of the Project: KGNMT –Project in collaboration with EWB-MJCET & EWB-INDIA

Date of Visit: 28-08-2023

Brief Note about KGNMT

The KASTURBA GANDHI NATIONAL MEMORIAL TRUST was established in 1945 as a result of the national endeavor, led by Mahatma Gandhi, to address the issues of women in rural India. The unique history of the Kasturba Gandhi National Memorial Trust is set against the backdrop of the history of India's freedom struggle. Eminent people from all walks of life as well as the anonymous masses, mobilized their resources to set up this Trust with its headquarters in Kasturbagram (Indore) and 22 state branches all over the country.

Location: Kasturba Gandhi National Memorial Trust Hyder Shah Kote, Langar Houz, Hyderabad, BandlagudaJagir, Telangana 500091.

Team Members:

S.No	Name	Branch	Year	Email-Id	Phone No.
1	Faizan Ahmed	Mechanical	3	faizanahmed1038@gmail.com	9908359717
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6	Syed Faraz Hussain	Mechanical	3	farazhussain794@gmail.com	7661887321
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	Shareef				
12	Akhil Khan				

Objectives:

The purpose of the visit was to evaluate the underlying problems and issues faced at KGNMT Trust.

Findings from the Survey:

1. **High electricity bills due to maintenance charges for the batteries that store the solar energy.**
2. **Inefficient networking of wires for flood lights.**
3. **High Consumption of Fuel for cooking.**
4. **Increased water consumption.**

Statistics of KGMNT

S.No.	Description	Capacity	Consumption	Expenditure(Rupees)
1.	Electricity	140 Members	8,421units (approx.)	50,000-60,000/-
2.	Food Staples (Rice)	140 Members	25Kg (Daily)	30,000 /-
3.	Water Consumption	140 Members	2000L	
4.	SolarPanels Maintenance- Batteries	40 panels	40	3,00,000/- (Per Year)
5.	Fuel Consumption	140Members	01 Cylinder (2 Days)	2000/- (Per Cylinder)



Interaction with the staff

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Analysis of the Solar Panels



Observation of Solar Panel on Light Poles



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Discussion with Staff on Cooking Charges



Examination of the Water Heating System

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