



Department of Mechanical Engineering
Innovative Teaching Methods

Activity Title	Poster Presentation
Faculty Name/Department	Mr. Vigneshwaran V / Mech
Mapped Course Name & Code	OME551 Energy Conservation and Management
Date	23.08.2022
Benefitted Students (Year / Sem / Dept)	III / VI / IT
Topic	Thermal management system/Energy conservation or renewable energy system
Description	Poster Presentation Makes the student to get idea on the concept especially theoretical subject likes ECM than a classroom teaching.
Course Outcomes (CO)	CO1: Ability to understand the concept of Energy Conservation and management and energy Audit
Performance Indicator (PI)	1.3.1
Mail ID (for review)	mech.vigneshwaran@msajce-edu.in
Sample Poster made by Students	The top poster, 'Energy Management in Thermal Systems', discusses the advantages and disadvantages of thermal or steam power plants. It lists advantages such as low initial cost, fuel cost, and space requirements, and disadvantages like pollution, high running cost, and water requirements. It also includes a diagram of a steam generator. The bottom poster, 'Energy Conservation', explains the importance of conserving energy, the types of energy (renewable and non-renewable), and why conservation is necessary. It includes a diagram of a light bulb and a solar panel.

**Students Name List & Topic:**

Sl. no.	Reg No.	Name	Topic
1	311820205001	ABDULLAH	Thermal Management System
2	311820205002	ABDUL SHUKOOR NAFEES. M	
3	311820205003	ABIRAMI V	
4	311820205005	AISHWARYA. R	
5	311820205006	ANAS AHAMED. A	
6	311820205007	ARUNKUMAR	
7	311820205008	BOOBALAN V	
8	311820205009	HEMALATHA. C	
9	311820205010	IMAAM JAFFAR J	
10	311820205011	JAASIR AHAMED AJ	
11	311820205012	JAMEERUDEEN .F	
12	311820205014	KEERTHANA S	
13	311820205015	LAVANYA.S	
14	311820205016	MANISH KUMAR.A	
15	311820205017	MOHAMED AFSAR.M	
16	311820205018	MOHAMED ASIF. H	
17	311820205019	MOHAMED GHAZALI. P	
18	311820205020	MOHAMED SIDIQ.I	
19	311820205021	MOHAMMED AFRITH .R	Renewable Energy System
20	311820205022	MOHAMMED FARHAN S M	
21	311820205023	MOHAMMED FUYUJUR RAHMAN	
22	311820205024	MOHAMMED HASHIR HASAN K	
23	311820205025	MUBARAK ALI.J	
24	311820205026	MUHAMMED MIDLAJ A.C	
25	311820205027	NANDHINI.R	
26	311820205028	PACKEER MOIHDEEN FAHEEM . S	
27	311820205029	PAVITHRAA S	
28	311820205030	POOVARASAN R	
29	311820205031	PRABHA. M	
30	311820205032	PRAMOTH M	
31	311820205033	PUNNIYAKOTTI. S	
32	311820205034	RAFIQ SHERIFF S	
33	311820205035	RAHIMUNNISA S	
34	311820205036	RAJESH. R	
35	311820205037	REVATHI.U	
36	311820205038	ROHITH .V	
37	311820205040	SALAAHUDDEEN FAKHRUDDIN ISMAIL	Energy Conservation System
38	311820205041	SEYED MOHAMED BUHARY M.H	



39	311820205042	SHALINI.M
40	311820205043	SIVAPRAKASAM. N
41	311820205044	SUPRAJA V
42	311820205045	SYED ABBAS AFRID.M
43	311820205046	SYED ABBAS ALI
44	311820205047	SYED ALI. S
45	311820205048	SYED ANEES A
46	311820205049	VASANTH KUMAR S
47	311820205050	VISHAL A
48	311820205051	ZAMIL. K
49	311820205301	ABUL AZEES SAHIB
50	311820205302	ABDUL HASSAN HACKAIN SAHIB
51	311820205303	AUGUSRAJ
52	311820205304	DHAKSHAN K
53	311820205305	HARISH B
54	311820205306	KRISHNA KUMAR
55	311820205307	MOHAMED RIYAZ
56	311820205308	SANTHOSH
57	311820205309	SASI KUMAR
58	311820205311	THEMOTHEYU S
59	311820205312	VINEETH

Outcomes:

Energy Management is to achieve and maintain optimum energy procurement and utilisation, throughout the organization and: To minimise energy costs / waste without affecting production & quality. To minimise environmental effects..So, this benefits them to understand to understand the details of concept and necessity of Energy Conservation and Various Energy Management System.