

SCHOOL OF ELECTRICAL ENGINEERING

Name of the Professional Society: Indian Association of Energy Management Professionals (IAEMP) Student Chapter

Faculty Advisor(s): Prof.S.Angalaeswari, Dr.K.Jamuna

“To make our country self-reliant in energy sector by the year 2022, the year when we will be celebrating Platinum Jubilee of our independence”. The mission is called ‘Mission-2022. IAEMP (Indian Association of Energy Management Professionals) has the mission of self-reliance in energy sector in our country by 2022. To make awareness about the energy management and energy conservation, various steps have taken by IAEMP. One of the measures is to make the youngsters to realize the need for energy conservation. The student community can take part in the energy sector by being a member of the Student chapter.

VIT IAEMP Student chapter was inaugurated at Vellore Institute of Technology (VIT) Chennai at 23rd February 2018. The inauguration of the student chapter started at 9.30am. We have around 50 students from Electrical and Electronics departments. The function was started with Invocation, welcome address and the Felicitation address was presented by Dr.N.Sambandam, Pro Vice chancellor, VIT Chennai and Mr.B.Somasundaram, National Secretary, IAEMP. The Chief Guest for the Inauguration function was Mr.T.Jayaraman, SECO Controls, Pvt.Ltd, Chennai. The opening of VIT IAEMP student Chapter was done by opening the name board in front of the student members.

Session was started in the topic “Steam /Air /Gas Utilities” by Mr.T.Jayaraman, MD,SECO controls Pvt.Ltd Chennai . The next session was taken by Mr.C.R.Saravanan , Marketing and sales, Versa drives. He has explained about the working of BLDC super energy saver fan followed by a small demo on it. The no cost energy conservation was taken by Mr.Shamseer Ali, Ex, Indian naval artificer. He has interacted well with the students and the need for savings in water, fuel and energy was explained well. The entrepreneur program was handled by Ms. Vaishnavi ,EQuad Engineering Services. The LEED lab and its importance was briefed by Mr.Gowri Shankar and Mr.Nagesh Gupta, GBC . The IIOT and ISO standards was handled by Mr.B.Somasunadaram .

The valedictory ceremony was started at 3.30pm 24/2/18. The Chief Guest was Mr.Ganeamoorthy, Schneider and the guest of honors was Mr.Gowri Shankar and Mr.Nagesh Gupta, GBC. The certificates for participation were distributed to the students. The Oath ceremony was happened at the end of the function.

Objectives:

1. To promote quality in the profession of Energy Professional through education and training.
2. To conduct preparatory courses for professionals examinations relating to the profession of Energy.
3. To promote research and studies in Energy Control and minimization techniques and measures and share the same with the concerned stake holders and to update its members on application of new technologies for improving service to the users and consumers.
4. To bring out guidance notes, instruction manuals, periodicals for the use and benefit of members and others connected with the profession of Energy Professionals.
5. To develop and administer the code of conduct and ethics from time to time and ensure compliance of the same by its members and also ensure that the members maintain / adhere to high standards of integrity, transparency, discipline and professional conduct.
6. To ensure speedy implementation of “The Energy Conservation Act’ 2001 in letter & spirit.
7. To work for unification of all agencies working in the fields of energy efficiency & renewable energy under a separate ministry to be called “Ministry of Energy Efficiency & Renewable Energy” (MEERE).
8. To function as an association of professionals i.e. To take care of the legitimate interests of the Energy Professionals including Energy Auditors, Energy Managers & practioners keeping in view the overall national perspective.
9. To promote Energy Efficiency / Conservation Awareness by conducting seminars, Workshops, Exhibition.
10. To associate with likeminded association (s).
11. To synchronize the expertise of professionals.

Roles and Responsibilities:

The IAEMP Student Branch of VIT Chennai is following the regulations and acts given by IAEMP. It is guided by the Faculty Coordinators of our VIT campus and the student members. This chapter is conducting the events like seminar, workshop, ideathon and energy ambassador program with the support of IAEMP. This chapter aims a team of members from various branched such as electrical, mechanical and electronics become the office bearers of this student branch and they plan, coordinate, execute several programs in successful manner.

List of Events

S. No	Date	Name of the events
1.	23.2.2018	Inauguration
2.	14-15, December 2018	Ideaathon on Energy Conservation and Management
3.	15.3.2019	Energy Ambassador Program
4.	14.8.19	Seminar

Ideathon on Energy Conservation and Management:

On 14th and 15th December, 2018, the Indian Association of Energy Management Professionals student chapter at VIT Chennai conducted its most awaited 12-hour ideathon on energy conservation and management. The event lasted through the night from 7:30pm to the next morning, 7:30am. The ideathon was inaugurated by the Chief guest- Dr. Apel Mahmud from Daikin University, Australia. This event was open to students of all disciplines. The 12-hour ideathon was one wherein the students were given problem statements based on energy conservation and were required to come up with the most efficient, effective and cleanest solutions for the given problem at hand. There were 8 groups of 20 participants that had taken part in the event.

The ideathon was split into 3 rounds and each round held a certain amount of weightage that would account to that particular group's total score. The event started at 7:30pm with the distribution of problem statements. In the first round, each group was judged based on their level of understanding the problem statement, their approach to the problem and ideas pitched as a solution and their verbal presentation skills. All the groups were judged by Dr. Binu Ben Jose and Dr. Apel for the first round. The second round was a group discussion where a communicative situation was created that allowed the group to share their views and opinions with other groups and this round was adjudicated by Prof. Balamurugan. The third and the final round included a structured presentation of the solution adopted by each group for their corresponding problem statements and this round was collectively judged by Prof. Angalaeswari and Prof. Balamurugan. After all the presentations were done, the ideathon came to an end at 8:30am with the announcement of the winners. Cash prizes of Rs. 2000 and Rs. 1000 were awarded to the winner and the runner-up respectively. Certificate of merit was awarded to all the participants.



Energy Ambassador Program:

As humans, we have a collective responsibility to reduce the damage done to the planet & also our dependency on non-renewable fossil fuels that are depleting rapidly due to increased demand. Effective energy management, reduction of cost, emission & risks are essential for building sustainable energy systems.

The ENERGY AMBASSADOR PROGRAM(EAP) is an interface between students, researchers and professionals powered by IAEMP student chapter at VIT University, Chennai campus. The objective of the program is to educate the students about our energy systems, its key aspects and a vivid picture of the various constraints involved in energy management via energy auditing.

The one day program gives an opportunity for students to interact with industrial experts thereby bridging the gap between academia and industry.





Present Office Bearers:

Faculty coordinators	Prof.S.Angalaeswari Dr.K.Jamuna
Sourav Mitra	16BEE1039
Anindita banerjee	18BEC1056
Abhishek kumkar	18bce1081
T.K.TEJASVIK	16BEE1047
Sudhanshu Pathak	16BEE1179
T.K.TEJASVIK	16BEE1047
Asish Kumar swain	16BEE1056
Vikas gupta	16bee1145
B.ANU DHARSHINI	16BEE10049
Sumit Mehenge	16BEE1103
Vishal Gundavarapu	16BEE1162
SHRNJAY KRISHNAN V	16BEE1015
T E AJAY GOPAL	16BEE1023
M.Saikripa	16bee1003
Gemma Rufina	16BEE1166
Vignesh BS	16BEE1119
Alok Tripathi	16BEE1184
Pramit Ghosh	16BEE1175
Devashish Srivastava	17BCE1257

Present Club Members:

Sl.No	Name	Reg.No
1	VIKAS GUPTA	16BEE1145
2	T.K.TEJASVIK	16BEE1047
3	SUDHANSHU PATHAK	16BEE1179
4	VISHAL GUNDAVARAPU	16BEE1162
5	SHRNJAY KRISHNAN V	16BEE1015
6	T E AJAY GOPAL	16BEE1023
7	SUMIT MEHENGE	16BEE1103
8	AINDRILA DEY	16BEE1013
9	B. ANU DHARSHINI	16BEE1004
10	HARSHINI DHINAKARAN	16BEE1038
11	R.GANESH VISHAL	16BEE1065
12	VIGNESH B S	16BEE1119
13	J JEFFRIN	16BEE1006
14	SOURAV MITRA	16BEE1039
15	ALOK TRIPATHI	16BEE1184
16	SHORABH SINGH GAVAR	16BEE1186
17	PRAMIT GHOSH	16BEE1175
18	PARUL PRAKRITI	16BEE1008
19	POOJA SANATHKUMAR	16BEE1167
20	J VIJAY JOSEPH SAMUEL	16BEE1054
21	M.SAIKRIPA	16BEE1003
22	K.GEMMA RUFINA	16BEE1166
23	REUBEN ANTHONY DIAS	16BEE1122
24	ASISH KUMAR SWAIN	16BEE1056
25	JADHAV CHIRAYU RAJENDRA	16BEE1107