



**AARUPADAI VEEDU
INSTITUTE OF TECHNOLOGY**
OMR, PAIYANOOR, CHENNAI - 603104



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



AVIT

DEPARTMENT OF MECHANICAL ENGINEERING

Report– “ONE DAY SEMINAR ON OIL & GAS CONSERVATION AWARENESS”

27th January 2020

No. of. Participants- 45

Resource persons: Mr. S.RAMALINGAM , National President , ENFUSE

The Department of Mechanical Engineering and ENERGY & FUEL USERS' ASSOCIATION OF INDIA (ENFUSE) conducted a seminar on “**OIL & GAS CONSERVATION AWARENESS**” in association with CHENNAI PETROLEUM CORPORATION LTD (CPCL) on 27th January 2020. On the eve of Oil and Gas conservation drive conducted during 16thJan-15thFeb2020

The topics covered in seminar

- Introduction on Oil and Gas resources and their reserves worldwide.
- Briefly explained about the production and the consumption of the fuels worldwide and the increasing demand for it.
- Information how the developed countries are using fossil fuels to produce electricity.
- Facts related on the depletion of the conventional resources.
- Recent methods used to produce electricity from the non-conventional resources as alternative.
- Lectures regarding energy storage system and storage technology.
- Application of techniques in conserving the energy from the renewable sources.
- Awareness on optimal utilisation of electricity.
- Knowledge regarding Energy Audit.

Seminar Outcome

- Students understood the importance of Oil and Gas depletion, growing demand and conservation.
- Gained knowledge on the modern technologies and methods in the energy production and storage.
- Learned about Energy Auditing in utilising the electricity.

Students Suggestion

- To conduct the workshop on models of turbines, blade designs of windmills, types of solar systems, articles and drawings on renewable energy sources.
- To arrange industrial visit to the non-conventional energy industry.

The seminar was coordinated by Mr.R.Mahesh, Assistant Professor (Gr-II) and Prof. L.Prabhu HOD Mechanical Engg. Department.

