

About the Seminar

Renewable Energy and environment are the two deeply related issues faced by us today. The way we have been fueling our need for energy till now has taken a major toll on the environment. One of the issues is that the fossil fuels we have been burning won't last forever. So, to avoid a disastrous energy crisis in the future, we need some alternative energy sources to power the machines supporting humanity.

The other issue is that burning all that fossil fuel has polluted our environment, and the climatic changes hence caused, like global warming and the various ways it endangers the planet are there for all to see. To prevent further deterioration, which will be disastrous, we have to find sources of energy which do not pollute the environment in anyway, i.e. green energy sources.

So it's clear that there is only one solution to both the issues "**Green Energy Sources**".

The objective of this seminar is to update the knowledge of students about how the environment is being damaged, the latest developments in the field of environment friendly energy sources, and ways to conserve energy i.e. making the most out of per joule.

Topics

- * **The Ailing environment**
Pollution & climate change
- * **Recent developments in Automotive Technologies**
Automotive Emissions - Recent Developments
Recent developments in Hybrid Technology
Electric Cars
Fuels Cells
Hydrogen Fuel I.C. Engine
- * **Conservation of Energy**
Energy Audit
Energy Efficiency
- * **Petroleum & Coal Energy**
- * **Recent development in Alternative Energy**
Solar Energy
Wind Energy
Geothermal Energy
Bio Fuels
Wave & Tidal Energy
Nuclear Energy
Bacteria Power
Artificial Photosynthesis

About Arya College

ARYA, a Society for Higher and Technical Education, conceptualized the establishment of ARYA Group of Colleges in the year 1999. Under the aegis of this society ARYA COLLEGE OF ENGG. & I.T. became functional from the year 2000. This premier centre of learning, an embodiment of the vision and zeal of the reputed Agarwal family, is committed to facilitate high quality technical education in the state of Rajasthan. The group also believes in creating an academic environment that boasts of a rigorous work culture with excellent teaching system.

About Ministry of New & Renewable Energy

Energy 'self-sufficiency' was identified as the major driver for new and renewable energy in the country in the wake of the two oil shocks of the 1970. The sudden increase in the price of oil, uncertainties associated with its supply and the adverse impact on the balance of payments position led to the establishment of the Commission for Additional Sources of Energy in the Department of Science & Technology in March 1981. In 1982, a new department, i.e. Department of Non-conventional Energy Sources (DNES), that incorporated CASE, was created in the then Ministry of Energy.

In 1992, DNES became the Ministry of Non-conventional Energy Sources. In October 2006, the Ministry was re-christened as the Ministry of New and Renewable Energy. The Ministry of New and Renewable Energy (MNRE) is the nodal Ministry of the Government of India for all matters relating to new and renewable energy. The broad aim of the Ministry is to develop and deploy new and renewable energy for supplementing the energy requirements of the country.

ARYA SAE Collegiate Club:

ARYA SAE India Collegiate Club and Official Students Chapter has 175 Students members. Senior faculty adviser, additional faculty advisor and elected clubs officer bearers constitute the ARYA SAE Collegiate Club.

The SAE collegiate club attempts to enhance the technical competence of its members, by organizing technical seminars, projects, design competitions and industrial visits. It also provides to the student members an opportunity to network with the automotive fraternity.

Abstract Submission

Participants are requested to submit their Abstracts & Registration forms through email to : aryasae@gmail.com. The students are requested to download the registration form from www.aryacollege.org

Paper format- A4

Font size- 12

Font style- Times New Roman

Registration

The selected participants will be notified through email. The Registration fee from the selected participants will be accepted by a crossed demand draft from any nationalized bank drawn in the favor of " Arya College of Engg. & I.T." Payable at Jaipur or by cash at registration desk on the event day. The registration of the attending delegates will be done on the spot.

REGISTRATION FEE

Students

Presenting Seminar - Rs. 250/-
Attending Seminar - Rs. 150/-

Professors / Lecturers

Presenting Seminar - Rs. 300/-
Attending Seminar - Rs. 200/-

Industry Delegates

Presenting Seminar - Rs. 500/-
Attending Seminar - Rs. 200/-

Dates to Remember

Submission of abstract : 31st March '2010
Notification of Acceptance of abstract : 02nd April '2010
Submission of full paper : 4th to 9th April '2010
Registration : 4th to 10th April '2010
Date of seminar : 10th & 11th April '2010

Note : Arrangement for accommodation can be made on prior request for outstation participants on demand.



ARYA College of Engineering & I.T.

National Seminar

on
Renewable Energy & Environment

10th & 11th April, 2010

Sponsored by :

Government of India
Ministry of New and Renewable Energy

REGISTRATION FORM

Name: _____

Organization & Designation: _____

Address : _____

Tel No.: _____ () _____

E-mail ID : _____

Registration Fee Amount Rs. _____

DD Particulars : No. _____ Date: _____

Bank : _____

Date: / / 2010

Signature

