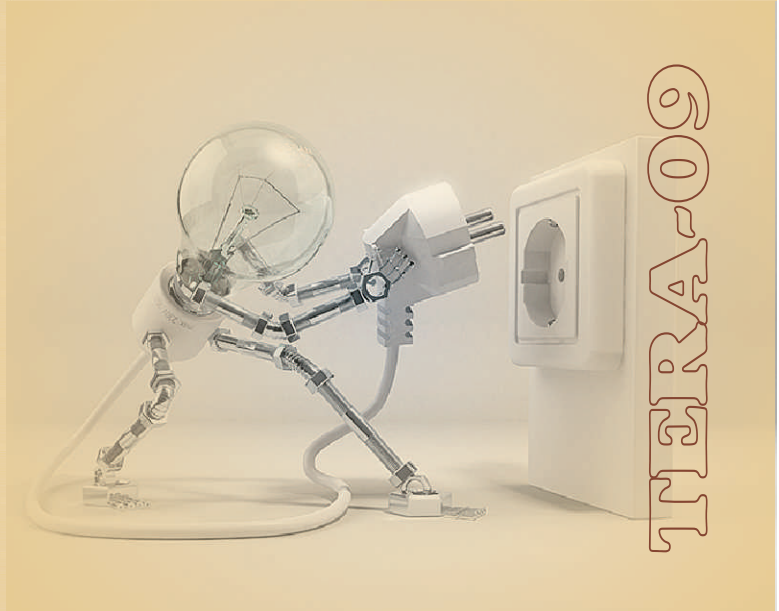


**NATIONAL SEMINAR  
ON  
TRANSFORMATION OF ENERGY  
RESOURCES AND APPLICATIONS**

On  
18th July 2009



**Chief Guest**

Shri S. C. Narang  
Chairman, SEPTAM, DRDO

**Communicate to**

Coordinator  
Prof. C.M. Dhawan  
(Department of MIE)

**Dronacharya College of Engineering**

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**Patron**

Dr. Satish Yadav (Chairman)

**Chairman**

Prof.(Dr.) R. N. Sharma (Principal)

**Vice Chairman**

Prof.(Dr.) S.K. Yadav (Dean Academics)

**Convener**

Prof.(Dr.) J. K. Goyal (HOD MIE)

**Organised by**



**DRONACHARYA**  
College of Engineering

B-27, Knowledge Park-III, Gr. Noida, G.B. Nagar (UP)-201306

## THE COLLEGE

DCE at Greater Noida enters, with head held high, in the fourth session of B.Tech. and second batch of M.B.A. of fervent aspiration, dreams and hopes. It gives me immense pleasure to ascertain that our well conceptualized vision has worked as amazingly at the new college as at the sacred spot of our first stride whence we started our journey on the road to success. I have an unflinching faith in the proverbial saying. "First deserve and then desire". I exhort the new aspirant's to work with an ideal sense of discipline and deep devotion with a sparkle of a dream in the eyes and the feet fervently gearing up towards the goal.

## OBJECTIVE

Description: Energy is the primary and most universal measure of all kinds of work by human beings. Every thing what happens on the Earth is the expression of flow of energy in one of its forms. Human societies require increasing amount of energy for industrial, commercial, domestic, agriculture and transport uses. Currently these needs are met from short term, exhaustible fossil fuel supplies like petroleum, coal and natural gas.

Attention has been recently diverted to the use of the renewable energy resources which are going to sustain in future. For developing countries like India, large scale demand of heat energy for meeting day to day domestic, institutional and industrial requirements can be met by using solar thermal systems, bio-gas, wind energy, geothermal etc. i.e., non conventional and renewable sources of energy.

The objective of this Seminar is to focus on utilization, availability, transformation and applications of conventional, non conventional & renewable and secondary sources of energy.

Prerequisites for Seminar Series: The only prerequisites for being able to understand all of the contents of this Seminar is that you have completed topics on

- (1) Conventional Sources of Energy
- (2) Non Conventional & Renewable Sources of Energy
- (3) New Sources of Energy.

## TOPICS

- Model 1 Conventional Sources of Energy (Coal, Oil, Petroleum, Natural gas & Nuclear fuels)
- Model 2 Non Conventional & Renewable Sources of Energy (Solar photo-voltaic, Wind, Fuel cell etc.)
- Model 3 New Sources of Energy (OTEC, Geothermal, Magnets Hydrodynamic, wave Energy, Biomass & Biogas)
- Model 4 Energy from Industrial and Urban wastes, alternative Fuels and Animals.

## CALL FOR PAPER

Prospective authors are invited to submit Abstracts by 2nd July, 2009. The paper will be

accepted only by electronic submission through the seminar website. Prospective authors re expected to present their paper at the seminar.

- The Size of full paper should not be more than 8 pages of A4 size with 25mm margin.
- The concerned author's name, designation and organization are to be mentioned below the title.
- The paper should be e-mailed at: [info@dronacharya.info](mailto:info@dronacharya.info)

Hard copy of the paper and abstract are to be mailed to the Organizing Secretary of the National Seminar on Transformation of Energy Resources and Applications (TERA-09).

## IMPORTANT DATES

- Abstract by E-mail : 2nd July, 2009
- Intimation of acceptance : 7th July, 2009
- Full Paper by E-mail : 13th July, 2009
- Full Paper by Post : 15th July, 2009

## NATIONAL SEMINAR ON TRANSFORMATION OF ENERGY RESOURCES AND APPLICATIONS On 18th July 2009

## Registration Form

Name

Designation

Department

Institute/Organization

Mailing Address for Correspondence

Phone/Mobile

Fax/Email

Registration : Free

Research / Academic Institutions/ Industry

Presenting Paper/ Attending Seminar: Yes/ No

Signature

Date: