

International Workshop
on
Advances in
Renewable Energy Technologies

DECEMBER 9-10, 2014

Organized by
Indian Institute of Technology Madras
Chennai – 600 036



Heat Transfer and Thermal Power Laboratory
Department of Mechanical Engineering
Indian Institute of Technology Madras
Chennai – 600 036

INTRODUCTION

Energy is the driving force behind all economic activities. Consequently the ever increasing population and the associated energy requirements to meet the increasing living standards have become matters of great concern. In particular, the availability of suitable and sufficient energy sources, development of environmental friendly utilization technologies and the cost of energy have become extremely important factors needing immediate attention. In this context, several schemes have been proposed for developing new and renewable energy technologies. With this background, an international workshop on Advances in Renewable Energy Technologies is being organized for middle level practicing engineers, managers from industry, and personnel from teaching and R&D institutions. The main objective of the workshop is disseminating relevant information on various aspects and current trends in renewable energy technologies for power generation. Attending this course will be of great benefit to the teachers by familiarizing themselves with the state of the art in energy technologies and planning long-term research programmes. For working engineers and scientists, the programme will open up new vistas for the application of advanced renewable energy technologies to the problems that they are currently facing and also they can identify topics for future research and development.

COURSE CONTENTS

- Concentrating Solar Power (CSP)
- Concentrating PhotoVoltaics (CPV)
- Solar Thermal Energy for Polygeneration
- Advanced Biomass Technologies
- Wind Energy Technologies
- Smart Grids for Renewable Energy Systems
- Integration, Control, Communication and Metering of Renewable Energy Systems

VENUE

The course will be held at Mechanical Engineering Department, IIT Madras.

FACULTY

Experts from India (IITs , VBU- Santiniketan) and UK Universities (Exeter, Nottingham, Leeds, Heriot-Watt) will participate as resource persons. This international workshop is an area of great relevance to our country. The participants will have an opportunity of interacting with the experts from India, UK and other participants to promote collaborative research in the future.

ELIGIBILITY FOR REGISTRATION

The programme is open to engineers/ managers / faculty members in the Departments of Mechanical / Energy / Environmental / Chemical / Electrical / Electronics and Communication Engineering. The number of participants is limited to 20. The selection of participants is based on first cum first serve. The participants have to make their

own arrangements for travel and accommodation. However, refreshments and lunch will be provided during the workshop.

REGISTRATION FEE

Delegates from	India	Abroad
Industry	₹12,000	USD 250
R&D Institutions	₹10,000	USD 200
Academia	₹8,000	USD 150
Student	₹5,000	USD 100

The registration fee may be paid by demand draft in favour of **The Registrar, IIT Madras** payable at Chennai. The application for participation in the programme should be made in the form given in the brochure. Prospective candidates may please return the completed application duly sponsored. The completed application form should reach Dr. K.S. REDDY on or before 30th October 2014. Registration through e-mail is also welcome.

Application to be mailed to:

Dr. K. S. REDDY
Professor

Heat Transfer and Thermal Power Laboratory
Department of Mechanical Engineering
Indian Institute of Technology Madras
CHENNAI – 600 036

Telephone : +91- 44 – 2257 4702 (Office)

+91-44-2257 6702 (Res.)

Fax : +91-44 – 2257 4652

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REGISTRATION FORM

(Application to reach before 30th October 2014)

1. Name :
 2. Designation :
 3. Age :
 4. Educational Qualifications :
 5. Name of the Organization :
 - 6.(a) Professional Experience (years) :
 - (b) Research interest :
 7. Address for Communication :
- Phone :
Email :
Fax :

SPONSORSHIP

We sponsor the above candidate for participating in the workshop on “Advances in Renewable Energy Technologies” to be held at Indian Institute of Technology Madras, Chennai-600036 during December 9 - 10, 2014.

The registration fee for ₹ _____ by a Demand Draft No. _____ Dated _____ Drawn on _____ is enclosed.

Date :

Signature and Seal of
the Head of Sponsoring Organization