

Topics Covered

The programme covers the following topics:

1. Current trends in Solar Thermal Technology
2. Green Buildings
3. Recent Advances in design of Large Solar Thermal Systems
4. Recent trends in Heat Storage Systems
5. Solar Drying
6. Decentralized Solar Desalination.

Registration Fee

- For Industry personnel : **Rs. 3000/-**
- For participants from Academic institutions : **Rs. 1000/-**

The Registration Fee is to be paid by DD in favor of "Director, AU-FRG ICC" payable at Chennai.

You may kindly send your nominations through the appended registration form.

The registration form along with the delegate fee should reach us on or before 20.06.2011.

Address for Correspondence

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Background and Need

With rising energy costs and the widely perceived need for use of Renewable energy sources Government of India has announced the Jawahar National Solar Mission (JNSM) aims at setting up enabling environment for penetration of Solar Technology both at Centralized and Decentralized levels. This workshop aims to connect the stakeholders of solar thermal energy and to disseminate information on the recent trends in development of technology for discerning participants from academia and the industry.

Target Audience

Government agencies, Architects, Builders, Consultants, Project Managers, Building Contractors, Green Building Equipment and Product Manufacturers, Institutions etc.

Date & Venue

Date : **Wednesday, 22nd June, 2011, Inaugural Session - 9.00 a.m.**

Venue : Henry Maudsley Hall, Dept. of Mech. Engg., Anna University, Chennai

Speakers:

Experts for the workshop will be from Germany & India

Speaker	Topic
Mr. Peter Althaus, GERINDTEC	Solar thermal systems - an overview
Dr. Hermann Herz- GIZ	GIZ's role on Indo-German Co-operation on Energy Conservation and other areas
Mr. R. P. Gokul, Ernst & Young	Solar Energy in Green Buildings
Dr. Hendrik Mueller Holst	Decentralized Solar Desalination Systems
Dr. Hendrik Mueller Holst	Large Scale Solar Thermal Heating Systems
Dr. R. Velraj, Anna University	Thermal Storage for Solar and Building Systems
Dr. C. Palaniappan, Planters Energy Network	Industrial Drying using Solar Thermal Energy

INDO-GERMAN WORKSHOP

on
**Recent Developments in
Large Scale Solar Thermal systems
for Commercial applications and Green Buildings**
Date: **Wednesday, 22nd June, 2011**



gerindtec
powering ideas



On behalf of
giz Federal Ministry
for Economic Cooperation
and Development

CHIEF PATRON

Prof. Dr. P. Mannar Jawahar
Vice – Chancellor, Anna University

PATRONS

Dr. R. Christodas Gandhi, IAS, TEDA
Prof. Dr. S. Shanmugavel, Registrar, AU
Prof. Dr. M. Sekar, Dean, CEG

ADVISORS

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Dr. C. Jebaraj, Prof. of Eminence, AU-FRG ICC
Dr. K. Srinivasan, Chairman, Fac. of Mech. Engg.

COORDINATORS

Dr. R. Velraj, Director, AU-FRG ICC, AU
Dr. S. Iniyar, Director, IES, AU
Mr. Peter Althaus, CEO, Gerindtec, Germany
Mr. N. Muthu Krishnan, Gerindtec India.

Organized by

AU-FRG ICC & IES, Anna University, Chennai
In Association with GERINDTEC, Germany & GIZ, Germany
&
Tamil Nadu Energy Development Agency (TEDA)

About Anna University

Anna University was established in 1978 as a unitary type of University. It became the largest affiliating type technological university in Asia in 2002. The origin of the University starts way back in 1794 as a survey school. It was upgraded to a Civil Engineering School in 1858. Mechanical Engineering since 1892, Electrical Engineering since 1930, Telecommunication Engineering and Highway Engineering since 1945 were added later. A unitary University consisting of 8 faculties, 30 departments and 43 centres offering a wide spectrum of courses in engineering, technology and allied sciences at the Undergraduate, Masters, MS and PhD levels.

About AU-FRG ICC

AU-FRG Institute for CAD/CAM, a pioneering establishment at Anna University campus, is offering services to Indian Industries in CAD/CAM/CAE areas to enable them to become global players. It was established in 1996, with a substantial assistance from the GTZ, Federal Republic of Germany. The institute is equipped with latest version of CAD/CAM/CAE software tools with matching hardware facilities. The AU-FRG ICC by its unique experienced faculty strength in different fields of Engineering can handle any industrial projects requiring new product design, product modeling and optimization in product design, mechanical, thermal and flow analysis.

About IES

Institute for Energy Studies was established as an autonomous centre in the year 1999 by integrating 3 centres of excellence namely Centre for New & Renewable Sources of Energy, Centre for Automobile Research & Training and Appropriate Technology with the objectives

1. To integrate higher engineering education with energy related research activities
2. To train man-power with strong basics in Renewable energy, Energy conservation and sustainable energy systems.
3. To provide consultancy industries and to promote R & D of new technologies for efficient harnessing of Renewable Energy.

About GERINDTEC

GERINDTEC, Germany/India, along with their Technical partners based in Germany with more than 15 years of experience, are system integrators engaged in providing unique solutions for savings of fossil fuels usage and bringing down energy costs by efficient harness of Solar Thermal Energy for Large scale hot water systems, industrial applications including Solar cooling.

GERINDTEC, are also working towards providing a sustainable solution with their modular Solar Desalination systems using MEH /MED distillation Technology with low energy demand, in India, for providing safe drinking water to islands, (remote) inland, and coastal areas. Their current effort is being supported by German Governmental Agency GIZ and Ministry of New and Renewable Energy (MNRE), India.

About GIZ

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) is a federally owned enterprise of the German Government. GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

GIZ co-operates closely with Governments of several countries around the globe, including Government of India, and operates in economic development and employment; governance and democracy; security, reconstruction, peace building and civil conflict transformation; food security, health and basic education; environmental protection, resource conservation and climate change mitigation.

GIZ also provide management and logistical services to support to its partners in performing their development tasks and actively engaged in International Educational work around the globe.

REGISTRATION FORM

Name of Participant :

Institution :

Designation :

Address :

Participant from : Industry / Academic

Area of Interest in Application of Solar Thermal Energy :

Contact Number :

Email address :

I hereby wish to participate in the workshop and attach herewith payment for Rs. (INR.) towards my participation- by Cash / Cheque

Date:

Signature of the participant