UDAIPUR AT A GLANCE:

Udaipur-a beautiful City of Lakes, Palaces and Fountains have attracted tourists from within the county and abroad. Serene in the shadows of dark green hills, three lakes-Pichola, Fatehsagar and Udaisagar are shimmering jewels, from the opal surface of which rise fairy snow white palaces, known for the splendid, Sheesh Mahal and Krishna Vilas with other palaces.

The city of lakes and sight of scenic splendors welcomes all the delegates who are attending this Training Course.

HOW TO REACH UDAIPUR:

The Udaipur is connected by daily Air-lines Flight from Delhi and Mumbai. It is also connected by Super fast Trains to Hazart Nizamudeen, Delhi (750 km) and Mumbai Via Ahmedabad (750km). It is also connected to Indore and Ratlam by train and bus.

LAST DATE

Last date for receipt of application	:	August 10, 2006
Intimation of selection	:	August 14, 2006
Confirmation about participation	:	August 19, 2006

All correspondence be addressed to:

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Training on

TECHNOLOGY DEVELOPMENT IN THE FIELD OF BIO ENERGY FOR POWER GENERATION AND PROCESS HEAT

(August 28 - 31, 2006)

Sponsored by

Ministry of Non Conventional Energy Sources
New Delhi – 110 012

Co-ordinators

Dr. N.S.Rathore
Dr. Surendra Kothari
Er. N. L. Panwar

Organised by

Maharana Pratap University of Agriculture and Technology
Udaipur, Rajasthan –313 001

ABOUT THE UNIVERSITY

Maharana Pratap University of Agriculture & Technology, Udaipur is actively involved in teaching, research & extension activities related to Agricultural science including energy in Agriculture. This university came into existence in November, 1999 by bifurcating the then Rajasthan Agricultural University, Bikaner through an act of legislature. It is now the principal academic institute for the south and south eastern parts of the State of Rajasthan shouldering responsibilities of identifying, developing and or adapting new production technology for agricultural development.

AIM OF SHORT COURSE

The aim of this training is to enable participants to acquaint knowledge about **Technology development in the field of bio energy for power generation and process heat** This training will enthusiastically develop self confidence and increased levels of skills to tackle the exciting challenge of providing energy in sustainable way to rural communities and making use of alternate sources of energy, which are locally available & environmentally sound to Agriculture and Agro-based industries. Emphasis will be made to discuss biomass gasification technology in details for power generation & process heat.

OBJECTIVES

1. To impart detailed technological know-how, on the advances and technology development on biomass gasification for power generation and process heat.
2. To expose the trainees on achievements of Indian Bio energy Programme during the last two decades and sharing experiences its novel implementation strategies for the benefit of poor people.
3. To generate awareness and provide scientific knowledge on advances in biomass gasification and by arranging field visits to successful power generation & process heat projects.
4. To provide a forum for the trainees from various states to interact on energy crisis in domestic and agriculture sector and arrive at a concrete solution.
5. To generate consciousness on environmental hazards & pollution being generated by the improper disposal and utilization of organic waste material.
6. To provide the knowledge and develop skill among participants to promote these renewable biomass gasification technologies among agro-industries.

CONTENTS OF THE COURSE

1 Commercialization of bio-energy resources, power generation & its economics, system simulation, modelling, entrepreneurship and sustainable development through local biomass energy resources

2 Design aspects of gasification, types of gasifier, operation and maintenances of gasifier. Present state-of-art of gasification technology in India and abroad.

3 Technology development and advances in the thermo chemical (direct combustion, gasification, pyrolysis), bio chemical (alcoholic fermentation, anaerobic digestion) and agro chemical conversion based system.

4 Case studies on technology development of gasification, Bio diesel system, high-rate anaerobic fermentation, intensive anaerobic digestion technologies etc.

5 Constraints & opportunities for the development of biomass gasification programme in developing countries, Perspective & Future Prospects, Employment generation.

During the training participants would be trained theoretically with basic fundamentals of biomass gasification & other bio energy principles. Apart from theory class, the participant would be exposed with practical utility of the system in the field visits and discussion classes.

REGISTRATION:

The application may be sent mentioning applicant's name and designation, organization, date of birth, qualification, experience etc. duly forwarded by the employer lasted by August 10, 2006

Interested participants are required to send applications giving details as mentioned over leaf by mail also to the Training Coordinator. The selected participants will be paid T.A. & D.A. as per rule for shortest distance. During training suitable facility for lodging & boarding will be provided to selected candidate in the university guest house.