

## Renewable Energy Centre, 'Mithradham'.

Renewable Energy Centre, Mithradham is an education and training centre dedicated to the promotion of Renewable Energy, especially solar energy in India. The centre functions with only renewable energy sources and is the first one of its kind in India.

The Centre has solar and solar assisted drying units consisting of a solar tunnel dryer and a cabinet dryer developed in close cooperation between Hohenheim University, and Innotech Ingenieursgesellschaft, for drying any product. There are also mini dryers for small scale drying. Mithradham which is associated with Sacred Heart College, Thevara; Rajagiri College of Social Sciences, Kalamassery and Rajagiri College of Engineering, Kakkanad, offers various training programmes in renewable energy technologies.

## Innotech Ingenieursgesellschaft Germany

Innotech is the worldwide leader in solar drying technology. The Innotech team consists of internationally well recognized engineers who give worldwide training and consultancy. It has modern development and research facilities manufacturing plant and HACCP certified consultation services. Innotech provides approved system solutions regarding consultancy, technology, process design, quality management and quality assurance for small and medium sized food processing industry, spices, cosmetics and pharmaceutical enterprises as well as farms.



## Training Programme in Solar and Solar Assisted Drying

**Time: Sept. 27th - Oct. 1st, 2010**

**Venue: Renewable Energy Centre Mithradham, Chunangaveli, Aluva.**

The market is growing, but.....Only top quality products can be placed on the international market successfully. Solar dried high quality fruits, vegetables, spices, pharmaceuticals substances and seeds are in great demand. Conservation by appropriate technology is the key to successful enterprise. Solar drying is the best solution for all your drying needs. It is cost effective, and operation is reliable even under adverse weather conditions. Also an increasing number of organic farmers use the ecological advantages of solar dryer for the production of high value crops. To enable a continuous production of high quality products throughout the year, even during rainy season, solar assisted dryers offer the best option. Renewable Energy Centre, Mithradham offers one week training programme in solar and solar assisted drying together with Innotech, Germany, the world leader in solar drying technology.

A certificate by Innotech will be issued at the end of the training programme. The following are the areas of the training programme.

### 1. Pre -drying Processing

Processing of high quality dried products- Product properties (ripeness, variety etc.)- requirements for harvest, transport and interim storage- chemical and mechanical treatment

### 2. Solar and Solar Assisted Drying

- drying process- sun drying, solar assisted drying.-

### 3. After-drying Processing

### 4. Packing- storage

### 5. Marketing of High Quality Products - Quality aspects

- training of staff members- quality management systems - quality assurance-