

### Registration Fee:

Rs. 6000/-per participant to be paid on or before 8<sup>th</sup> September, 2017. **Registration fee includes Course Material, Tea/Snack and working lunch.**

Registration fee to be paid by cheque/DD drawn in favor of "Society for Energy, Environment & Development" or through bank transfer:

**Society for Energy, Environment & Development  
State Bank of India Banjara Hills Road No.5  
Branch,  
Acct No: 64115094530  
IFSC Code SBIN0040479**

**\*\*\*Seats limited to 20 Participants\*\*\***

### Accommodation:

Accommodation can be provided on request to pay basis at NIMSME/Guest House or nearby Hotel at Rs.1000/- to 1,500/- per day.



### For more information contact:

**R. Shyamala  
Gen. Secretary**

Society for Energy, Environment & Development  
Plot No.81, Road No.7,  
Jubilee Hills, Hyderabad – 500033  
Phone: 23608892, 23546036, 9652687495  
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Website: www.seedngo.com



## Training Programme on “Solar Food Processing for Value Addition”

**18th – 21st September, 2017**



**Venue:  
SEED, Hyderabad**

**Organized by:**

**Society for Energy, Environment & Development (SEED)**

Plot No.81, Road No.7, Jubilee Hills,  
Hyderabad – 500033

Phone: (040)23608892/23546036/40200748

Email: seed@seedngo.com: Website: www.seedngo.com

### **Introduction:**

Dehydration is one of the important methods of preservation of food. The main objective of dehydrating the food is to add the value addition and prolong their shelf life beyond that of the fresh material. This is achieved by reducing the water activity (**aw**) of the food to a value which will inhibit the growth and development of pathogens and spoilage causing microorganisms, besides significantly reducing enzyme activity and the rate at which undesirable chemical reactions occur. Drying is one of the oldest methods of food preservation. Drying makes the products lighter, smaller and shelf stable without spoilage over long periods of storage.

The increased awareness in health and hygiene consciousness and energy scenario in India is becoming a matter of great national concern. The demand for healthy, nutritive and hygienic food is increasing day by day with the increase of industrialization. Solar Cabinet Dryer can be used for drying of food and agricultural commodities with zero energy cost and with minimal impact on nutrient loss. Solar drying enables good manufacturing practices and yields the export oriented processed foods with long shelf life. SEED has developed sustainable Processing technologies to produce healthy, value-added foods from specialty agri - horticultural crops as well as non-timber forest produce.

### **Objectives:**

1. To impart theory and practical knowledge about solar dehydration as a food processing technology.
2. Skill development in processing of vegetables and fruits for value addition and preservation through practical hand on experience.

3. To Conduct Physico-chemical, organoleptic, microbiological analysis in the products for quality control.

### **Topics covered**

**(Theory: 12 hours, Laboratory Work: 12 hours):**

- Solar Energy applications in food processing
- Solar cabinet dryers and basic concepts of solar drying
- Nutritional and health significance of solar dried foods.
- Quality Management.
- Food Safety and regulations
- Packaging of solar dried foods.
- New product development.
- Financial management for small and micro food processing enterprises.

### **Who Should Attend?**

Entrepreneurs, Farmers, Self-Help Groups, NGO's, concerned Govt officials and owners/employees of food processing industries. This Training Program is designed to provide necessary inputs for setting up food processing enterprises based on solar energy.

### **Faculty:**

Senior Faculty from CFTRI, Hyderabad, NIN, Hyderabad, PJTSAU, Hyderabad and SEED Expert team.

**SOCIETY FOR ENERGY, ENVIRONMENT & DEVELOPMENT  
HYDERABAD 500 033  
TRAINING PROGRAMME  
ON  
“SOLAR FOOD PROCESSING  
FOR VALUE ADDITION”  
18<sup>th</sup> - 21<sup>st</sup> September, 2017 at ‘SEED’**

**REGISTRATION FORM**

- 1. Name of the Participant:**
- 2. Organization Name:**
- 3. Address:**
- 4. Phone No.**
- 5. Email address:**
- 6. Educational Qualifications:**
- 7. Current working status:**
- 8. Accommodation required: Yes / No  
(Expenses to be borne by applicant )**

- 9. Payment Details: DD No.**  
**Bank Drawn on:**  
**Bank details for transfer:**  
**State Bank of India**  
**Banjara Hills Branch,**  
**Plot No.8-A, Road No.5,**  
**Banjara Hills, Hyderabad.**

**Date:**

**Email filled in forms to :  
seed@seedngo.com**

**S.B. Account No.  
64115094530**

**IFSC : SBIN0040479**