

Information of ICAR-AICRP on Energy in Agriculture and Agro-Based Industries (EAAI)

Operating at the College of Agricultural Engineering, University of Agricultural Sciences, Raichur

Mandate

The project has started to work since August 2001. Mandate of the AICRP on Energy in Agriculture and Agro-Based Industries (EAAI) (previously known as AICRP on Renewable Energy Sources), CAE, UAS, Raichur Centre is to develop/modify and evaluate the renewable energy technologies/gadgets to suit to local conditions and to demonstrate these technologies at farmers' fields/ users' sites through operational research project (ORP) trials so as to popularize the renewable energy technologies. Also, to carry out the energy inflow and outflow analysis from the major cropping systems of the region.

Staff position

Sl. No	Name and Designation	No. of Posts Sanctioned	No. of Posts filled/deployed	Remarks
Scientific Staff				
1	Dr. Vijayakumar Palled Research Engineer & PI	1	1	Reported for the duty on 20-01- 2006 (Filled)
Technical / Supporting Staff				
2	Er. Manasa Junior Engineer (Agri.)	1	1	Reported for duty on 24-01-2018 (Filled)
3	Mr. Raghavendra Lab Assistant against Technician	1	1	Reported for duty on 06-04-2010 (Deployed)

List of technologies developed/modified and demonstrated

- **Solar Tunnel Dryer for horticultural produce like chilly, grapes**
- **Modified Janta biogas plant**
- **Modified Deenabandhu biogas plant**
- **Modified Rice Husk Cookstove**
- **Inverted Downdraft Gasifier Biomass Cookstove**
- **Solar Powered Knapsack Sprayer**



Solar tunnel dryer for chilly drying



Solar tunnel dryer for grapes drying



Deenabandhu Biogas plant



Modified Rice Husk Cookstove



Inverted Downdraft Gasifier type Biomass Cookstove



Solar Powered Knapsack Sprayer

Contact Details :

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