

ECOSOL-DHULE-2026

Workshop on “Clean Cooking and Solar Concentrator Technologies”

23rd January 2026, DHULE - MAHARASHTRA - INDIA

Venue: “Essential Equipments”; G-63, MIDC, Awadhan, DHULE: 424006

What to Expect at this full day Workshop?

1. Hands on training and demonstration on ‘Manufacturing of Pucca Solar Cooker’ by Prof. Celestino Ruivo from Portugal. This solar cooker his own design. He will teach how to manufacture and use it.
2. Demonstration of different options of solar cooking; Solar Concentrating Cookers; PRINCE-15, SK-14, PRINCE-40, box cookers etc. along with other clean cooking technologies like biogas and biomass stoves.
3. Experience Sharing and potential of world’s biggest solar dish concentrator of 500 sqm by Deepak Gadhia.
4. Demonstration of ongoing developments and discussion on CST (Concentrating Solar Technologies).
5. Networking opportunities for commercial gains as well as for lifestyle changes.

Fees: **INR 2000 per participant.** This fee includes cost of course material, tea, breakfast and lunch for the duration of the program. For Students the fees will be INR 1000.

Eligibility: No bar. Anybody can participate. We expect students, manufacturers, distributors, dealers, traders, installers anybody who wish to explore renewable energy options. Students from engineering, polytechnic and ITI can opt for Solar Pucca Cookers as their projects. We can provide test protocols.

Registration: Interested members/organisations may contact organizers and communicate their willingness with brief introduction about themselves and their organisation. Organisers will communicate you regarding your selection for the program and payment details. We have limited seats as this is hands on workshop. Contact: renewable.india@gmail.com , Cell no. +91-9823033344, Dr. Ajay Chandak.

Organisers:

Chairman and Resource Person: Dr. Ajay Chandak , Suman Foundation.

Facilitator/Resource Person: Prof. Celestino Ruivo (ISE-UALG and ADAI).

ISE-UALG (Institute of Engineering, University of Algarve, Portugal) and ADAI (Association for the Development of Industrial Aerodynamics, Portugal).

Resource Person: Rahul Kulkarni, Proprietor of Essential Equipments (Manufacturer of Solar Cookers and smokeless stoves)



PRINCE-15 solar cooker



Smokeless Biomass Stoves



PRINCE-40 Solar Cooker



500 sqm Solar Concentrator



Pucca Solar Cooker



Why Solar Cooking?

Solar cooking isn't just a technique; it's a lifestyle change that brings numerous benefits:

Eco-Friendly: Reduce your carbon footprint by cooking with renewable energy.

Cost-Effective: Minimize fuel costs and harness the free power of the sun.

Educational: Learn about solar principles and their applications in daily life.

Community Building: Join a growing community of solar cooking advocates.

Embrace the joy of cooking with the sun and take home not just a meal, but a movement.

Career Opportunities

This workshop opens doors to diverse career opportunities in sustainable technologies and eco-friendly culinary arts. Embrace the skills and knowledge gained here to innovate, lead, and inspire in the burgeoning field of solar cooking and sustainable living.

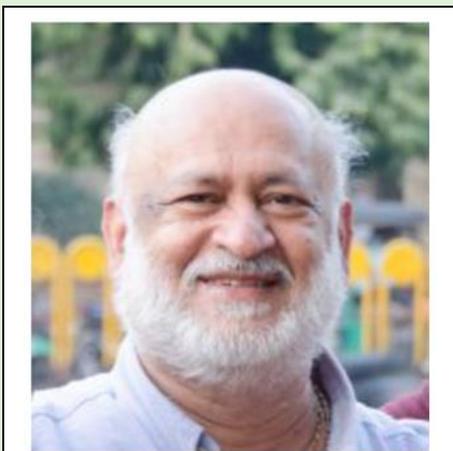
Moreover, it is a unique opportunity for exposure in a developing and need-of-the-hour field for future builders of tomorrow!

Resource Person



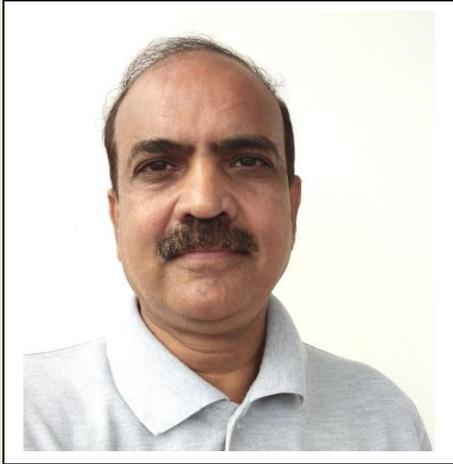
Prof. Celestino Ruivo: Advocate of Solar Cooking

Prof. Celestino Ruivo, from the University of Algarve, Portugal, turned his passion for the sun's power into a culinary revolution. Since catching the solar cooking 'bug' in 2006, he's been an ardent advocate, sharing the simplicity and joy of harnessing solar energy for cooking. Founder of the celebrated CONSOLFOOD conference, Prof. Ruivo unites global experts and communities under the warm embrace of the sun, transforming rooftops into eco-friendly kitchens. Join him to explore how solar cooking is not just a method, but a movement towards a sustainable future.



Mr. Deepak Gadhia: Solar Thermal Pioneer

Mr. Deepak Gadhia is a stalwart in solar concentrator technology, renowned for successfully bringing Scheffler solar concentrators to India. His pioneering work includes commissioning the world's largest solar cooking systems at major locations like Shirdi, Tirupati, and Mount Abu. He is especially recognized for his expertise in community-scale solar cooking systems. Recently, he established the first unit of the world's largest dish concentrator (500 sqm) at Muni Seva Ashram, utilizing technology from the Australian National University. Mr. Gadhia will share invaluable insights into advanced solar thermal technologies and their applications in community systems



Dr. Ajay Chandak; Global Advisor for Solar Cookers Internationals

ECOSOL-DHULE-2026 is led by **Prof. Dr. Ajay Chandak**, an internationally recognized solar energy expert, innovator, and global advisor to Solar Cookers International. His three decades of pioneering work in solar concentrators, community cookers, and clean-cooking solutions—supported by more than 20 patents and multiple national and international awards (including best solar cooker design award by DSt, Government of India)—Prof. Chandak has been at the forefront of promoting sustainable, smoke-free cooking technologies in India and abroad. This workshop brings together his rich experience in developing, commercializing, and standardizing solar cookers, including training programs executed across India, Europe, and Africa



Mr. Rahul Kulkarni, Proprietor of Essential Equipments,

Essential Equipments is a leading manufacturer of clean energy cooking technologies, specializing in solar cookers, solar dryers, solar concentrators, and biomass-based smokeless stoves. With extensive hands-on experience in designing, fabricating, and deploying these systems across India, he brings valuable practical insights into clean cooking solutions. At ECOSOL-DHULE-2026, Mr. Kulkarni will share his journey as a clean-energy entrepreneur and conduct live demonstrations of various solar and biomass cooking devices. All food served during the workshop will be cooked using these clean, sustainable technologies—showcasing their efficiency and reliability in real time.

Venue of Workshop: Essential Equipments, G-63, MIDC, Awadhan, DHULE: 424006

Date and time: 23rd January 2026, 10.00 a.m. to 5.00 p.m.

Participation fee: INR 2000. For Students INR 1000. Limited Entries.

Fee includes cost of training material and ‘Green Lunch’.

Contact:

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