



Workshop “From Classroom to Community: Hands-on Sustainability Internships at the Green Ashram, Muni Seva Ashram”

**Er. Deepak Gadhia, Trustee – Muni Seva
Ashram and Dr. Peeush Bishnoi, IUCEE Expert**

Er. Deepak Gadhia describes himself “I am now Mentoring start-up and supporting Entrepreneurs in Clean-Tech Sector and have dedicated my Life to society through the NGO Muni Seva Ashram where I am a Trustee. I travel around country and world to share the knowledge and core-competencies I have acquired over 35 + years experience in Solar and Sustainability Sector. I am a Social Entrepreneur. His inspiration comes from **“Be the change you want to see in the world” -Mahatma Gandhi** . Social entrepreneur Deepak Gadhia from Solar Cookers International, Gujarat has imbibed this philosophy as a mantra of his life. Deepak is an affable person with lots of enthusiasm towards life and his fellow beings. He is a people’s man and is genuinely interested in knowing and helping others.

Dr. Peeush Bishnoi has twenty-eight years of experience in Research in core engineering sector, as also in academia. He has experience in R&D and technology development working with with General Electric, Siemens, Larsen and Toubro and Aeronautical Development Agency. Over last seven years, Peeush moved to Education Sector with focus on development of Green Field Universities (GSFC University and PlastIndia International University) and enhancing Research and Innovation (Pandit Deendayal Energy University). Peeush has taught courses in his prior assignments. While pursuing studies in the US, he taught to the working professionals in the Evening College and to the undergraduate engineering students at the University.

Engineering education today faces a critical challenge: **Students graduate with theoretical knowledge but limited exposure to real, working systems.** At **Muni Seva Ashram (Green Ashram)**, sustainability is not a concept—it is **lived daily at campus scale**. The Ashram operates as a **living laboratory**, where students can **see, measure, analyse, operate, improve, and replicate** real systems serving thousands of people. This makes it an ideal **internship and experiential learning hub** for engineering students from India and abroad.

Technologies Students Will Experience (Hands-On)

- A. Solar Thermal – Hot Water at Scale**
- B. Solar Cooking – Scheffler Concentrator**
- C. Domestic Scale Solar Cooking Systems**
- D. Solar Cooling – BIGDISH -Based Cooling Systems**
- E. Thermal Oil Cooking & Storage (KUWA School)**
- F. Solar Cooling for Cold Storage**
- G. Biogas & Bio-CNG Systems**

4. Internship Model for IUCEE Students

Duration

- 4 weeks / 8 weeks / 3–6 months (flexible)