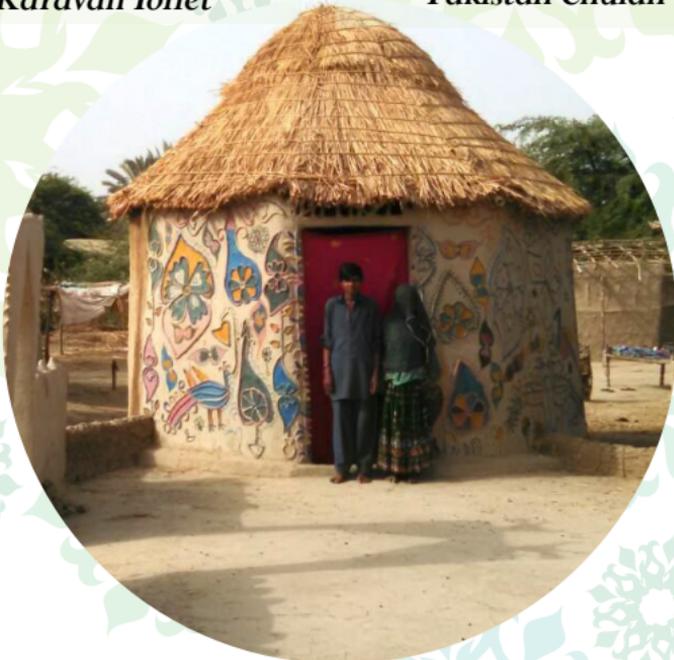




*Karavan Toilet*



*Pakistan Chulah (Stove)*



*Lari OctaGreen (LOG) Room*

*Rs. 9,500 per Trainee*

# **3-Day Training for Zero Carbon Footprint STRUCTURES**

*at ZC3, Makli, Thatta*

**Based on Yasmeen Lari's tutorials on YouTube for self-building inexpensive, strong green structures.**



E-6, 4th Gizri Street, Defence Housing Authority Phase 4, Karachi.  
Tel: (021) 35834215 Website: <http://www.heritagefoundationpak.org/Hf>

# Training Modules

## Day 1

- Introduction to video tutorials for LOG room, Karavan Toilet and Pakistan Chulah.
- Lectures and practical work: mixing earth, making dry slaked lime, bamboo quality and selection.
- Tour of structures at ZC3.
- Learning layouts: LOG room, Toilet, Pakistan Chulah.
- Success story of Barefoot Entrepreneur Icon.

## Day 2

- Introduction to video tutorials for LOG room, Karavan Toilet and Pakistan Chulah
- Practical: Bamboo measuring and cutting
- Practical: Bamboo cuts and joints
- Practical: Bamboo molds and panel fabrication
- Practical: Bamboo roof fabrication, cutting. Jointing
- Practical: Bamboo panel assemblies

## Day 3

- Practical: Laying Plain Lime Concrete (PLC).
- Practical: Plinth wall making.
- Practical: LOG Room-installation of wall panels & roof.
- Practical: Karavan Toilet-Installation of wall panels & roof.
- Practical: Floor laying.
- Practical: Pakistan Chulah-Platform and Chulah making.
- Introduction to monitoring and feedback mechanisms.
- Distribution of Toolkit and banners.
- Distribution of certificates.

## Toolkit

- Samples of fat lime and dry slaked lime.
- Samples of bamboo, various cuts and joints.
- Samples of hardware utilized in structures.
- Illustrated list of tools.
- Banners for workplaces.
- A-4 set of drawings for LOG room, Karavan Toilet and Pakistan Chulah.

