

# THANNAL NATURAL BUILDING WORKSHOP

**LONG COURSE**

**10 DAYS**

AT TIRUVANNAMALAI,  
TAMIL NADU



Workshop video link

Read more at: [thannal.com](http://thannal.com)

For Earth contact: [thannalroots@gmail.com](mailto:thannalroots@gmail.com)



Learn **Indigenous Natural Building Techniques** using local materials, earth stabilized with lime and natural admixtures. Sense natural materials by engaging in **hands-on work (1:1 scale)** on our ongoing projects. Comprehend your course with **Rural Study and Documentation** of contemporary and indigenous mud buildings and **Design Exercise** to widen the insight about Natural Buildings.



Thannal Hand Sculpted Homes is a Natural Building Awareness Group, based in Tiruvannamalai, Tamil Nadu. It is founded by Ar. Biju Bhaskar, in 2011 and works toward reviving **Indigenous Natural Building Techniques** overlooked and lost in the rapid development. Using **locally available** natural materials without adulterating reduces exploitation of nature. The effective way to learn about Natural materials is to build with it.

**10-day course** is planned intensely to facilitate learning about materials and techniques through hands-on work (**1:1 scale**) and observe wide range of experimentations done in our campus. Enhanced with site visits for **Rural Study and Documentation** of indigenous & contemporary mud buildings and **Design exercise** to understand the feasibility of Natural Buildings. Inferences from such experiences can strengthen confidence in building with Natural Materials. Availability of experienced workers for assistance and required materials in the right preparation enhances the ambience in our campus in Tiruvannamalai for such an endeavour.

Workshop will be held in the months of **June** and **December** at the foot hill of Arunachala, **Tiruvannamalai**.

Experiences on site:

- Water tanks made with Mud and Lime.
- *The Singing Dervish Studio*, using cob.
- Earth bag studio.
- Sensing Natural living.

Aspects of Natural Building explored:

- Lime preparation and usage.
- Different forms of **stabilization** and **admixtures**.
- **Treatments** using native plant and animal derivatives.
- Natural gums.

#### **NOTE:**

- This workshop is exclusively open for **Students and Young Professionals below 26**.
- The intake will be minimum 15 and maximum 20.
- In case you are an individual or in a smaller group, write to us, we can organize workshop combining with other smaller groups.
- The workshop fee is Rs.25000/- which includes lunch and excludes accommodation and site visit's travel expenses.
- Suggestion of accommodation will be given by us on request.
- Students are advised to get their own head gears and gloves.
- The itinerary is subjective to change as per the site conditions and weather conditions.
- For queries: [thannalroots@gmail.com](mailto:thannalroots@gmail.com)
- For workshop updates : <http://thannal.com/natural-buildings-workshops/>
- Workshop Videos : CEPT Winter School Workshop : <https://vimeo.com/250551626>  
Mud Age: <https://vimeo/15757236>



## Course Detail

Introduction To Natural Building	Theory
Introduction To Materials	Theory
Earth – Sampling/Testing	Prototype
Lime – Cycle/Slaking/Bagging	Prototype
Bamboo/Wood – Treatment	Hands On
<b>Foundation</b>	
Stone	Hands On
Earth Bag	Prototype
Beam System	Prototype
<b>Wall Systems</b>	
Cob	Hands On
Wattle And Daub	Hands On
Adobe	Hands On
CSMB	Hands On
Earth Bag	Prototype
Lintels and Beams	Prototype
<b>Sculptures &amp; Murals</b>	
<b>Roof Systems</b>	
<b>Finishes</b>	
Mud Plaster	Hands On
Lime Plaster	Hands On
Mud + Lime Plaster	Hands On
<b>Flooring Methods and Treatment</b>	
Rural Study – Indigenous And Contemporary Mud Buildings	Site Visit
Design Exercise and Review	Theory
Presentation On Natural Building-People And Places	Theory