

Summer Internship at



Project 1 Report
2018

Priyanka Purty
176450005
IDC IIT Bombay



adivaani

Tulip Apartments, 29 A, Ismail Street, 4th Floor, Kolkata-700014, West Bengal, India.
Regd. Trust No. 4326 of 2012

June 28, 2018

Experience Certificate

This is to certify that **Ms. Priyanka Purty, M.Des, IDC, IIT Bombay**, has served in adivaani, an archiving and publishing outfit, based in Kolkata, West Bengal, from **May 17, 2018 to June 28, 2018** as a **Design Intern**.

We wish her all the best for her future endeavours.

Sincerely,

Ruby Hembrom
Founder & Executive Director

About Adivaani



- Adivaani, based in Kolkata is an archiving and publishing organisation
- Dedicated to create a database of Adivasi writing for and by Adivasis
- Started in late 2012
- Published 19 books (Fiction, Non-fiction, Folk story, Historical and Poems)
- Ruby Hembrom is the founding director and author of two Santhal creation books titled *We Come from the Geese* and *Earth Rests on a Tortoise*. With Saheb Ram Tudu, she has written *Disaibon Hul*, an illustrated book on the 1855-57 Santhal rebellion.

Learning



- Organisation Management
- The process of Book design, production, sales and distribution
- Applying for funds
- Interacting with residents of the villages, Ethnography study
- Learning from the founder, Ruby Hembrom, through late evening conversations with her sharing experiences and stories.

Vernacular Architecture of Kolhan



- Kolhan, the land of Kols, is one of the five divisions in Jharkhand
- Dominated by indigenous Kol or Ho tribes, Santhal villages also present
- Historically, the Ho tribe settled here because of its strategic location as it is an upland plateau surrounded by Hills and dense forest which provided natural defence against intruders
- With deep forests and river basins, it boasts of a very fertile land. The Saranda Forest is reputed to have the best Sal forests in Asia

Field Visit



- 10 villages including Eight Ho villages and two Santhal villages
- Objective- to study the local context and climate responsive vernacular architecture and also understand the philosophy and cultural-social aspect of an Adivasi community.
- The villages were chosen with respect to their distance from the town, accessibility to road and remoteness.

Field Visit



- Priority is given to food storage, kitchen and animal shelter. Bedrooms are smaller and mostly residents sleep on cots in courtyards or verandah
- Houses are closed from the street side and open on the inner side where the courtyard is.
- Smaller windows
- Building materials include- clay, mud, timber, straw, cow dung and special variety of grass (Saiu)
- The wall is made of a special type of mud obtained by souring earth by adding vegetable waste and leaving it to mature. The decaying waste produced tannic acid and other organic colloids, greatly improving the mud's plasticity
- Straw is used to improve tensile strength of mud bricks
- Older houses are rammed earth constructed whereas the newer houses use mud bricks
- Thatch roof and burnt clay tiles used

Figure Ground Study of

Ho villages



- Scattered
- Organic
- Dense vegetation
- Nuclear family with houses next to kin

Sathal villages



- Denser
- Planned with houses along a common pathway
- lesser trees
- Bigger courtyard houses

Figure Ground Study of

Ho villages



Sathal villages



Ho Village







Courtyard



Bathrooms are usually outside the main house and are open on top



A vast canopy of tamarind tree overshadows the houses



Resthouse/Refreshment house on the side of the road



Mud brick house construction



Rammed earth house construction



Family graveyard





Sal leaves used for making plates and bowls



80 year old house. Old houses are bigger than newer houses



sleep mat made of palm leaves



fish net for small fishes (bamboo)



wild grass (saiu) broomstick



houses incorporate hanging earthen pots for pigeon house



Animal shelter



roadside refreshment and pesthouse



Weekly market (haat)





Ho houses are usually surrounded by dense forest with houses hidden behind it





Santhal Village





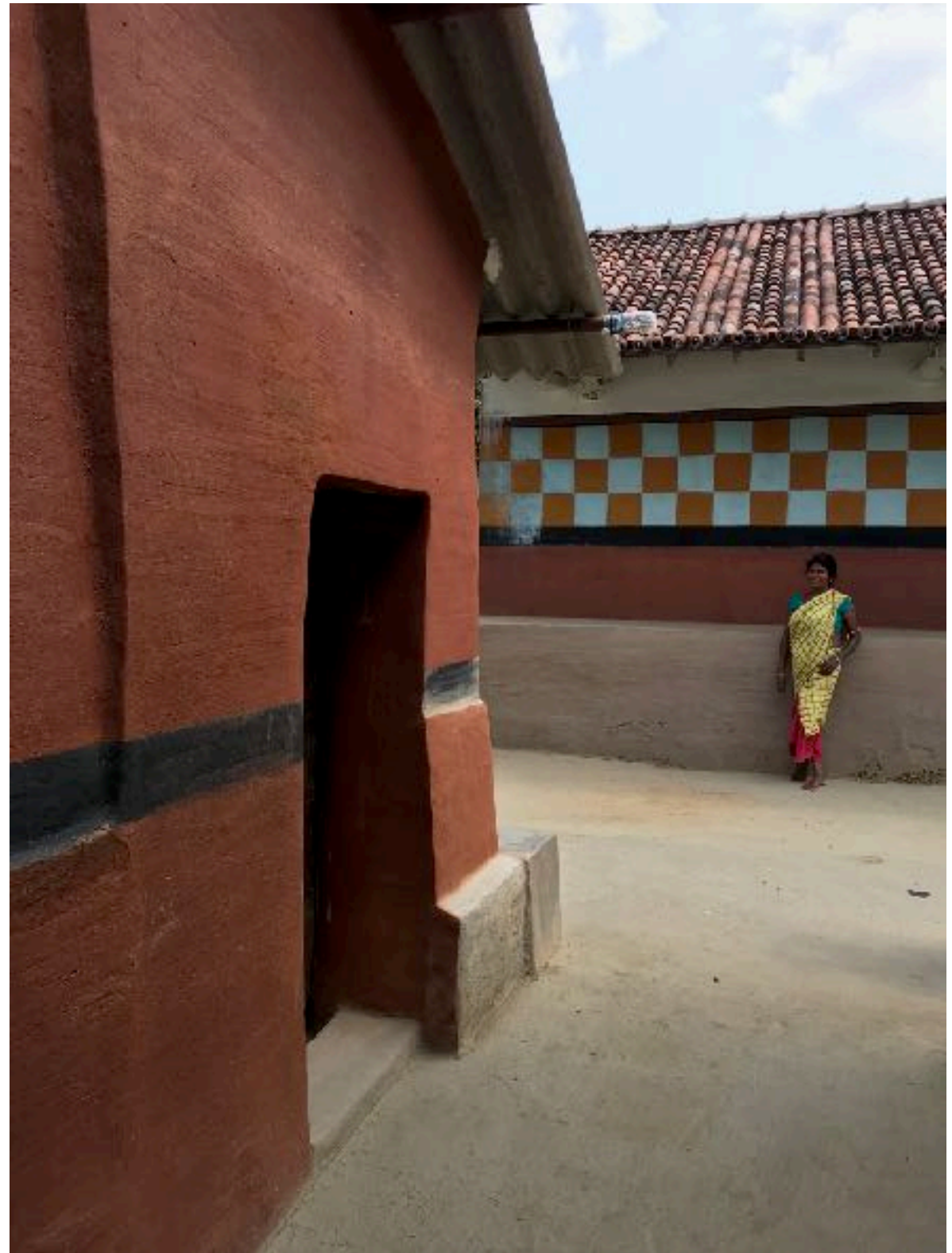
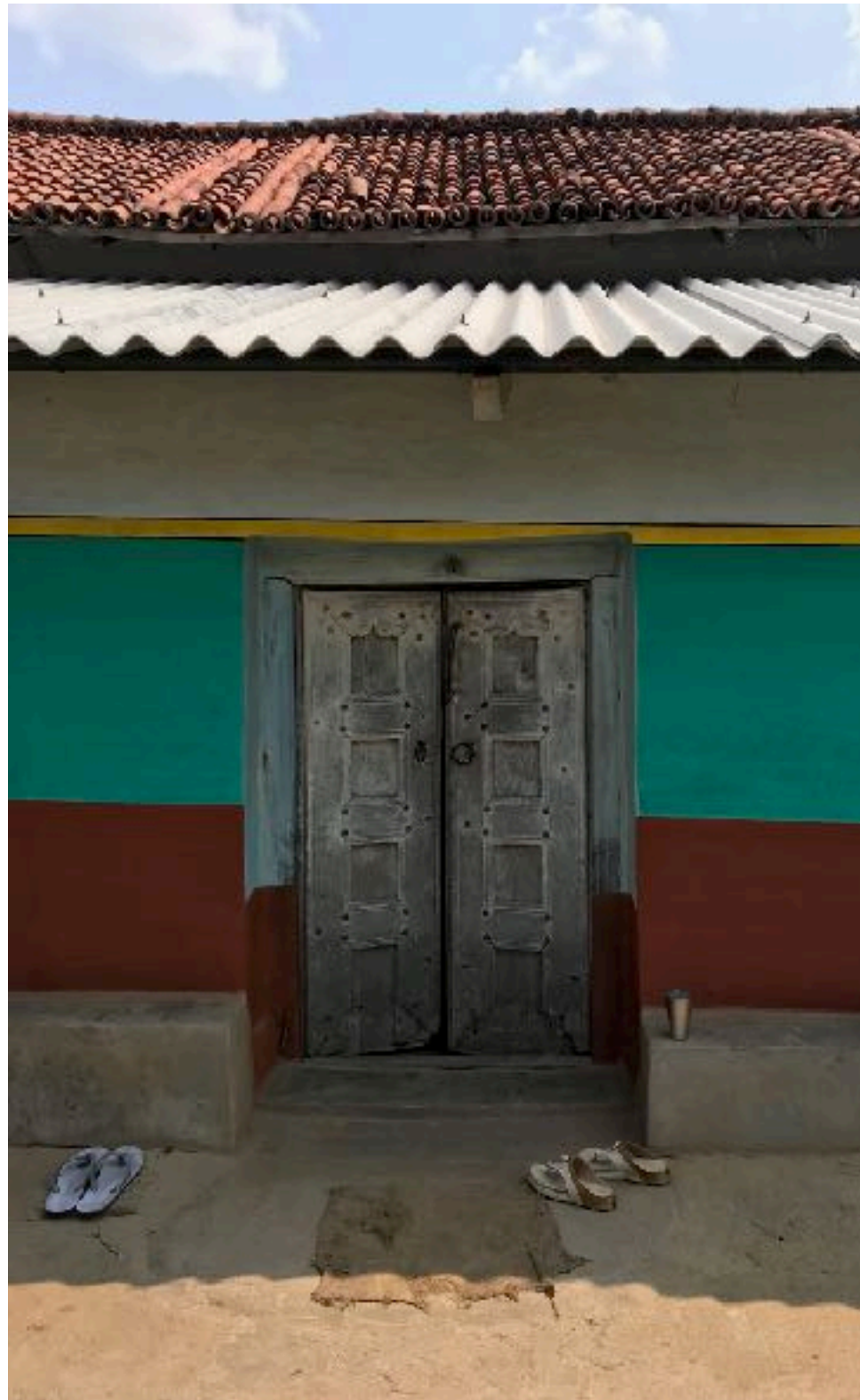
Houses share a common road



Santhali houses are vibrant and colourful











Thank you