

# C.9 India - 1977 - Tropical cyclone

## Case study: Materials and training

Case study credit: CUNY Center  
See Shelter Projects 2008 for more

**Project type:**

Distribution of building materials  
Training support

**Disaster:**

Tropical cyclone (winds up to 270 km/hr), Andhra Pradesh, India

**Disaster date:**

28 October - 1 November 1977

**Population left homeless by disaster:**

3.4 million people total, 20,000 in the administrative area where the NGO was working. "Virtually 98%" in areas affected by tidal wave.

**Project target population:**

2,000 households

**Occupancy rate on handover:**

Not known  
Constructed from distributed materials

**Shelter size**

25m<sup>2</sup>

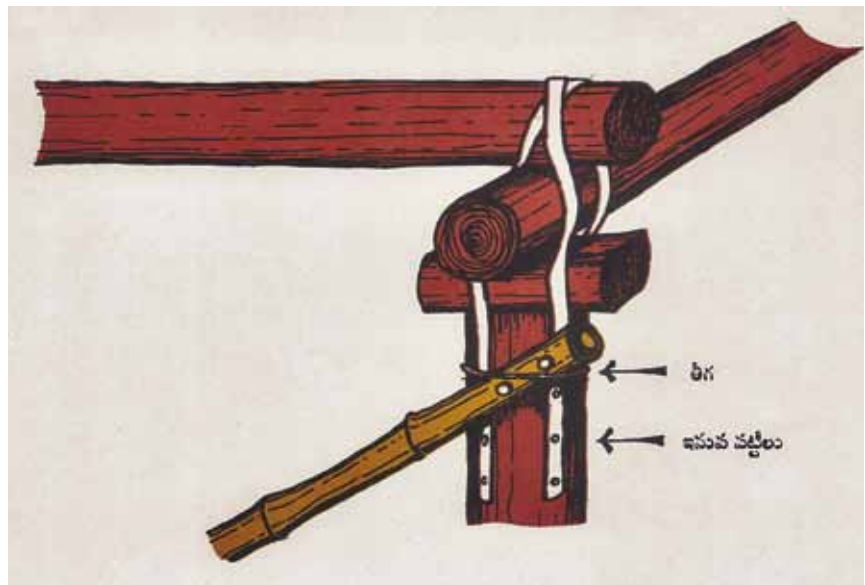


**Project timeline**



**Emergency:**

Basic kits of local materials were distributed. These were supplemented by materials to strengthen the resistance of existing shelters to cyclones. A special centre was created by the organisations to support the distribution and to provide of technical training and information. The project was timed, and in some cases postponed, to ensure that labour was not diverted from agricultural tasks, and to ensure availability of appropriate materials.



Connection detail  
Credit: Cuny Center