

## Low-Cost Portable Poultry Housing System

**Sri Nigam Ranjan Lenka**

At: Gajapitha, P.O: RK Patna, P.S: Patkura, Dist: Kendrapara, PIN: 754244

**Mobile:** 9090800870

**Age:** 37 Years

**Qualification:** Matriculation

**Resources owned:** 1 ha land, 50 poultry birds, 1 cow, 8 goats



**Description of innovation:** A low-cost portable poultry housing system (5x4x5 cft) is designed with an affordable price for farmers i.e. Rs.4,000.00 made up off bamboo, GI frame, tin sheet with fibre net. The unit can be transported easily to safe place during flood and it is very easy to maintain sanitation inside the cage.

**Process of innovation:** The mortality of the birds is very high during the heavy rain, flood situation and high temperature due to the lack of proper shelter as easily the birds are suffered from diseases like nasal infection, ILT, IBT, Coccidiosis, Influenza etc. To overcome this problem Sri Lenka designed this low-cost portable poultry housing system with technical guidance from KVK, Kendrapara.

**Adoption of Technology:** During flood this unit can be transported easily to the safe place and it is very easy to maintain sanitation inside the cage during and after flood. By adopting this technology, the mortality of birds due to flood water intrusion reduces by 10% and the rate of disease infestation also reduces by 20-25%.

**Impact:** By realising the advantages of this housing system, more 15 numbers of farmers have adopted this technology.

