

“AN EXPANDABLE CHAMBER TYPE COLD STORAGE SYSTEM FOR STORING BULK PERISHABLE PRODUCTS”

Brief of the technology

The technology is a cold storage system for storing bulk perishable goods, comprising expandable chamber units for the cold storage. The cold storage system is having double insulation which gives enhanced thermal protection. The Coolbot temperature controller is provided for desired temperature & humidity control. The system utilizes renewable energy sources for eco-friendly power supply.

USP

- Expandable storage
- Enhanced thermal insulation
- Coolbot controller
- Utilizes Renewable energy

Competitive Advantage

- Bulk storage for perishables
- Minimum electric consumption
- Waterproof, fireproof & pest resistant
- Recyclable
- Eco-friendly
- More durable

Applicant

IIT Ropar- Technology and Innovation Foundation

Development status

- Prototype is ready

Intellectual Property status

- Indian Patent application has been filed
- Industrial Design application has been filed

Looking for companies to license the technology, contact Ms. Reema Sahni at reema.fitt@gmail.com for more technologies and updates follow us at [linkedin.com/in/itto-fitt](https://www.linkedin.com/in/itto-fitt)

Innovation-Technology Transfer Office, a regional tech transfer office established at FITT with support from NBM, BIRAC

