

AgriCab

Providing
Rapid
Affordable
Construction
Solutions



What is modular construction?

Modular construction is manufacturing **standardized components** of a structure in an off-site factory, then assembling them on-site.



Time-saving

Manufacturing of the standard modules happens concurrently with site preparation, the total time it takes to build a structure can be dramatically reduced.



Efficient building process

Benefits like greater worker safety, improved productivity, increased schedule certainty, and improved cost predictability.



Portable & Reusable

Reusability ensures the customer is buying an asset which can be redeployed over 20 times across multiple locations during its useful life.



The Modulus Edge

ABInBev

croma

Quanta

Deploy anywhere within 60 days



Precertified modules approved as per building codes with built in electrical and plumbing lines



10x faster than conventional construction



Built on assembly lines with 100% quality assurance and 98% waste reduction



"The farmer is the only man in our economy who buys everything at retail, sells everything at wholesale, and pays the freight both ways."



John F. Kennedy
Former US President





Modulus housing, a pioneer of modular construction in India, having executed projects across the nation.

21+

States

150+

Projects

1000+

Structures

Farmers receive **only 10%** of the total value of their produce due to :



High wastage of produce (>30%)

Lack of processing capabilities

Proliferation of middlemen

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A woman in a brown shirt and dark skirt is working in a field, carrying a young child on her back. The child is wearing a yellow patterned cloth. They are in a lush green field with hills in the background.

Despite being the backbone of our food security, **farmers earn 50% less** than the average Indian.

Low realisations

82% of farmers own less than 2 hectares

Fragmented Land holdings

Lowest realisations per hectare among major economies

Asymmetric information

No bargaining power due to lack of pricing information

Modulus with the aid of agri-tech startups are increasing farmer profits through:



STORAGE UNITS

Cold storage options
to increase life of
produce



INDOOR FARMING

Indoor farming
options to diversify
and increase revenue



MICROFACTORIES

Value added
processing to increase
share of profit

To ensure farmers receive a higher proportion of profits for their labour, we must:

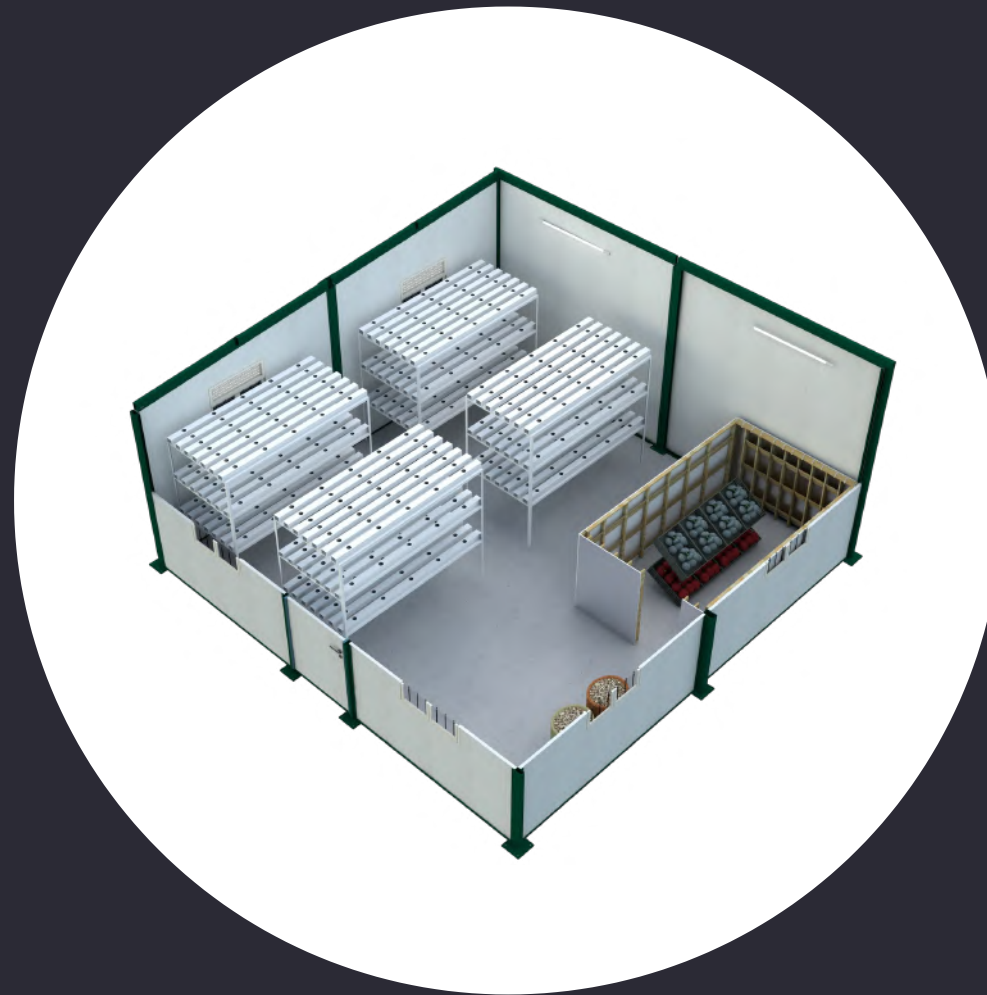
Improve storage capabilities to reduce losses from wastage

Create infrastructure to support value added processing capabilities



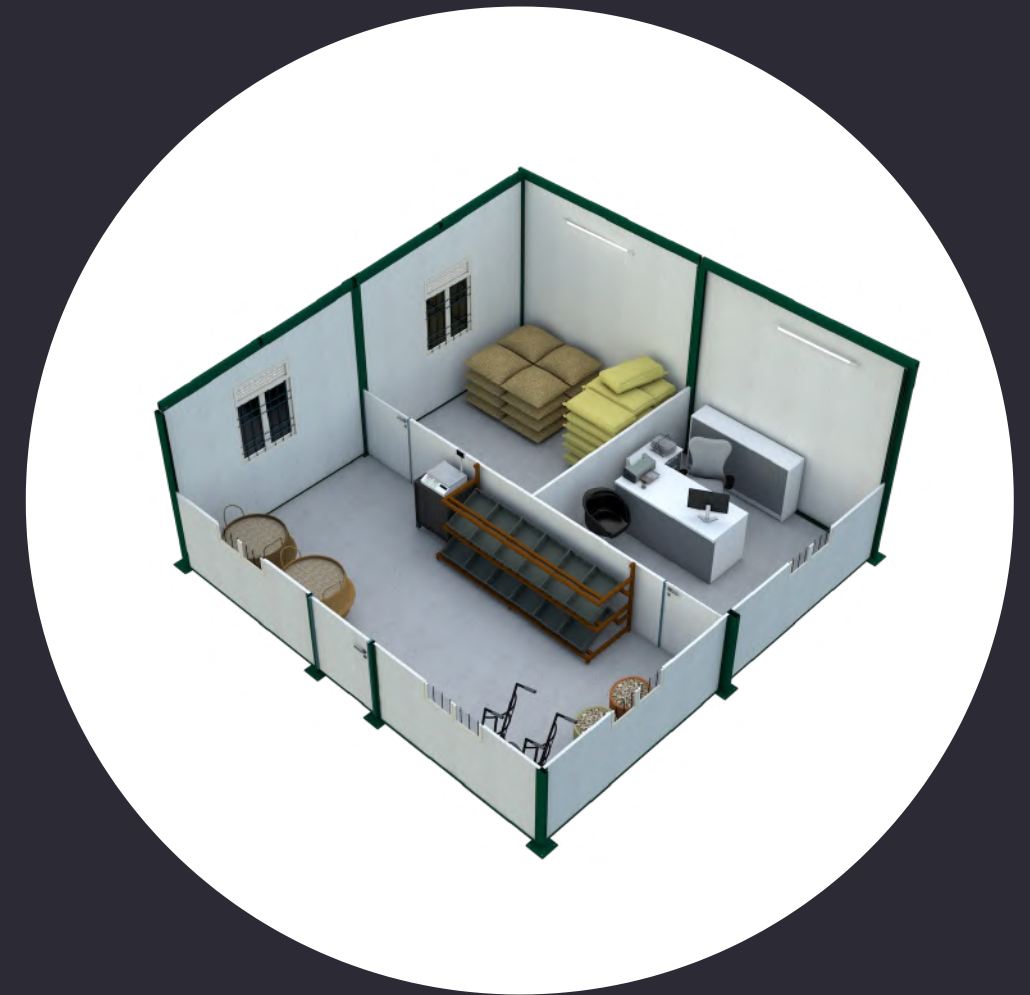
Storage

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Indoor Farming

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Microfactories

AgriCab



Storage





Indoor Farming





Microfactories



Past Projects

mediCAB



ABInB


ABInBev

United
Way



United Way Bengaluru



A large group of people, including men and women, are standing in front of a building. The building has a sign that reads "Mission Lakadong" and "Directorate of Horticulture, Government of Meghalaya". The people are dressed in formal attire, and the scene appears to be a formal gathering or event. The image is overlaid with a semi-transparent dark grey filter.

Modulus' Reach

OUR CLIENT'S TESTIMONIALS



Prof. V Kamakoti, Director
Indian Institute of Technology Madras

" Every time, wisdom must suit a crisis. There is no point in saying I am wise, when it comes to a crisis I run off. This technology created by Modulus Housing has suited a crisis and has proved it."



Meera Siva, Shelter Venture Fund Director
Habitat for Humanity, Chennai

" The purpose of this technology is to bring disruptive solutions to huge issues that small updates cannot sufficiently address. Our partnership with Modulus Housing for the deployment of MediCAB and its journey with different stakeholders is an excellent example of solutions."



Nidhi Bhasin, CEO
NASSCOM Foundation India

" During the pandemic, tech adoption accelerated three-folds. This is where we see a lot of Indian start-ups like Modulus Housing taking up social causes to create impact as part of their business models."



OUR CLIENT'S TESTIMONIALS



Bandana Jha, Head Social Impact
Wells Fargo India & Philippines

"Modulus Housing efficiently and professionally executed the plan of setting up these portable transferrable annex hospital units at the cancer hospital in Muzaffarpur, which have been instrumental in providing relief and treatment to cancer and COVID-19 patients."



Pratima Harite, Head of Philanthropy
Asia Pacific, Lenovo

" The 70-bed negative pressure 'MediCAB' hospital built by Modulus Housing is one of several noteworthy solutions developed by startups incubated at IIT Madras..."



Ankur Nagaria, Senior Manager
UW Bengaluru

"MON is a remote location and the CHC in MON had only 12 beds to treat a population of 50,000 people. With the help of Modulus Housing we were able to set-up a 30-bedded hospital which is currently used as general ward & ICU."



OUR CLIENTS

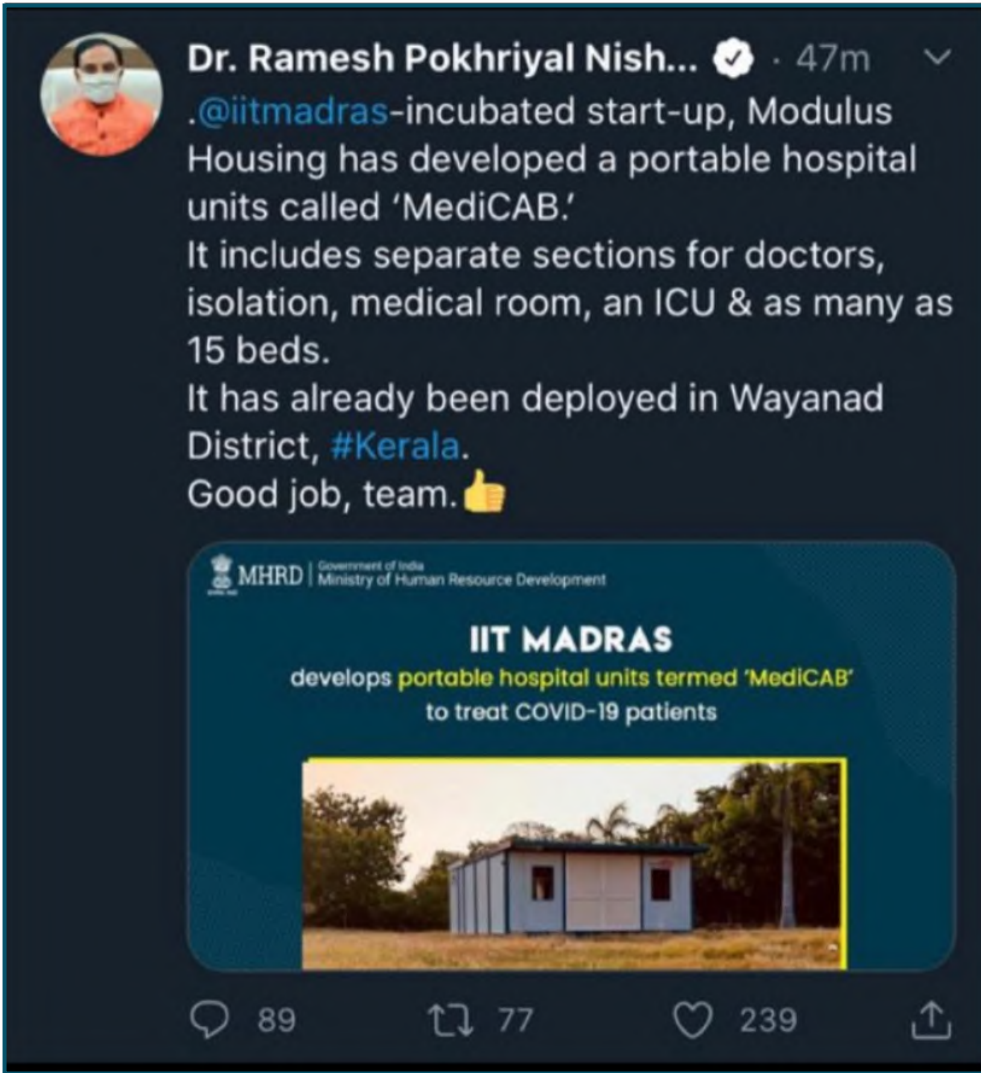
10+
NGOs

20+
MNC & CSR

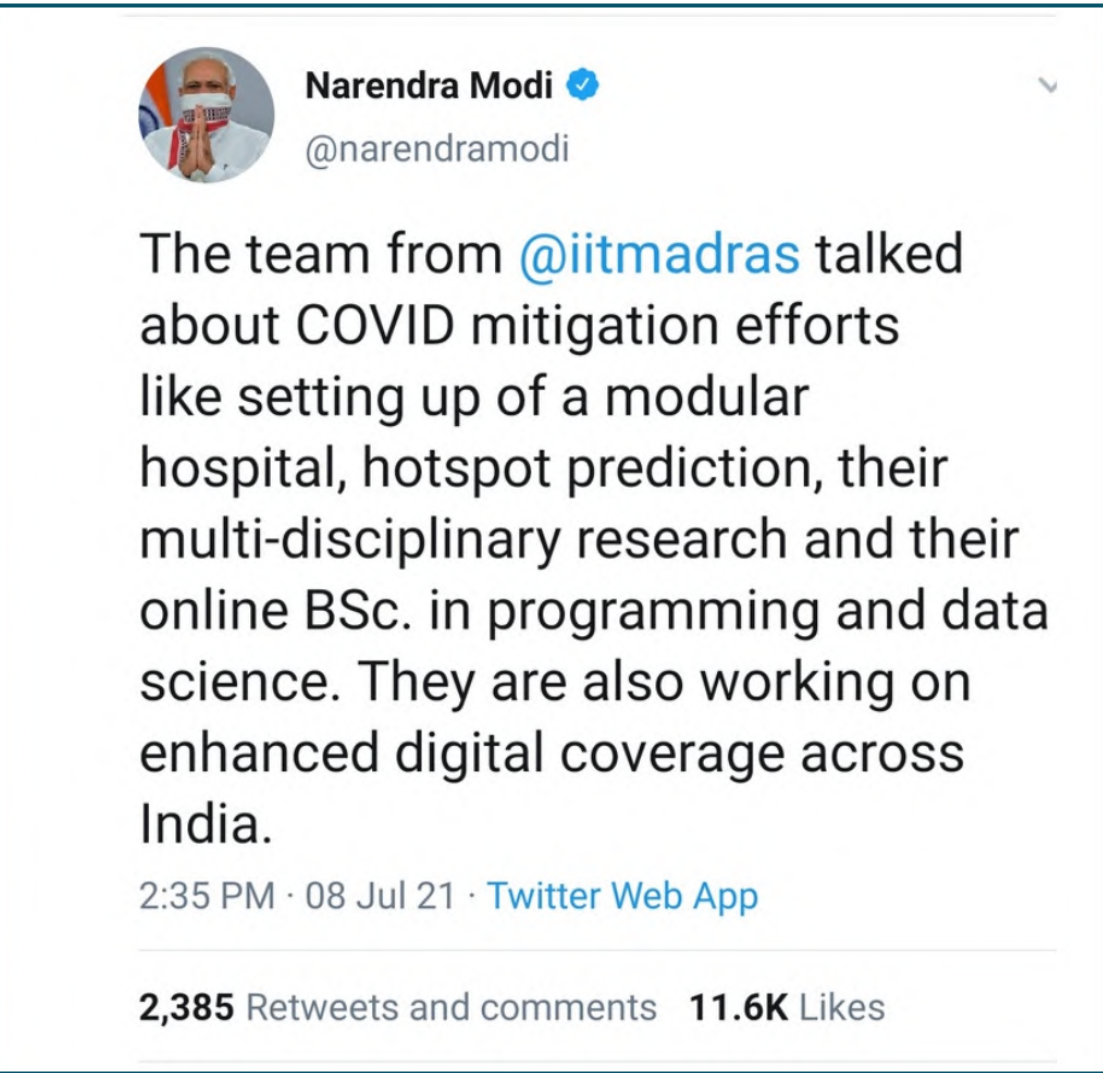
21+
State
Government



RECOGNIZED BY THE GOVERNMENT & MEDIA



The Hon'ble Union Education Minister
Govt of India



The Hon'ble Prime Minister of India
Govt of India



The Hon'ble Union Health Minister
Govt of India



IIT Madras Incubated Startup Develops Portable Covid-19 Hospital Unit 'MediCAB'

IIT Madras-incubated Start-up, Modulus Housing has developed a portable hospital unit that can be installed anywhere within two hours by four people.

Incubated at the IIT Madras research park in 2018, the two founders Shreeram Ravichandran and Gobinath Pandurangan of Modulus Housing set out to revolutionise modular prefab structures. At their manufacturing unit in Chengalpet, Tamil Nadu, they recently developed Covid-19 micro-hospitals with four zones — a doctor's room, an isolation room, a medical room/ward, and a twin-bed ICU. It can be installed anywhere in two hours.



Source: modulushousing.com

How this IIT-Madras incubated start-up is reimagining India's construction industry

Written by Chandraveer Mathur
Apr 03, 2021, 01:23 pm | 5 min read



After witnessing the havoc wreaked by the [2015 Chennai floods](#) first-hand, then 22-year-old Shree Ram Ravichandran felt there was a dire need for disaster relief shelters

Kaithal's 100-bed portable hospital boosts healthcare facilities in district

Chandigarh News
Published on Apr 01, 2022 12:41 AM IST

Set-up amid the speculations of the third wave of Covid-19, Haryana's first 100-beds portable hospital has given a boost to healthcare facilities in Kaithal district



Since its inauguration on February 26, the Kaithal hospital has provided treatment to hundreds of patients. (HT Photo)

Modulus provides DIY houses you can take anywhere anytime

The aim of the company is to transform construction from laborious time-consuming service to an instant DIY Product.

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Modulus was conceptualised by IIT Madras alumni Shreeram and Gobinath, after they witnessed the 2015 Chennai floods.

Bongkhao Konyak inaugurates 30 bedded modular hospital at Community Health Centre Tobu

June 11, 2022



N Bongkhao Konyak with district administration and others.

Advisor DUDA, N Bongkhao Konyak inaugurated the 30 bedded modular Hospital in Community Health Centre (CHC) Tobu on June 10. The 30 bedded Modular Hospital was funded by ThermoFisher Scientific and executed by United Way Bengaluru & Modulus Housing. In his speech, Konyak thanked the funding agency and United Way Bengaluru & Modulus Housing for coming up with the project in CHC Tobu.

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