



सीएसआईआर- एम्प्री
CSIR-AMPRI

Constructed with prefabricated and readily available material (steel/aluminum)

Foldable, easily erectable and reusable

Safe, serviceable, comfort to the occupants

Thermal comfort and waterproof

Can be optimized for space utilization, scalable and appealing aesthetics

Fast to erect and cost-effective

Features of Makeshift technology



Inside view of 20 bed Non-ICU wing of 30 bed makeshift hospital at Shahada, Nandurbar

Makeshift hospital / housing technology is a remarkable research development put forward by CSIR-Central Building Research Institute, Roorkee and CSIR-Advanced Materials and Processes Research Institute, Bhopal, for immediate preparedness in event of pandemic outbreak / post disaster rehabilitation. The fabrication of the structure makes use of prefabricated steel/aluminium portals having features like foldable, easily erectable, reusable, safe, serviceable, comfort to the occupants and cost-effectiveness. The erection of structure makes use of semi-skilled manpower for erection and hence provides opportunities for employment generation at the local level.



Makeshift clinic at J. P. Govt Hospital, Bhopal



Media coverage of first makeshift clinic of M.P. state



30 Bed hospital erected with makeshift technology at Nandurbar

Projects/Demonstrations:

Based on the joint CSIR-CBRI Roorkee and CSIR-AMPRI Bhopal makeshift structure technology, CSIR-AMPRI Bhopal has been instrumental in erecting following makeshift clinic/hospital in record times:

- ✖ Makeshift fever clinic at J. P. Govt. Hospital Bhopal, Nodal: CSIR-AMPRI, Funded by MPCST, Bhopal
- ✖ Makeshift clinic at Dewas, MP
- ✖ 30 bed Makeshift hospital at, Shahada, Nandurbar, Maharashtra Nodal: CSIR-AMPRI (Funded by BMGF)
- ✖ Makeshift hospital at, Sarangi, Petlawad, Jhabua, M.P. Nodal: CSIR-AMPRI (Funded by

The technology for makeshift hospitals@housing can be utilized at large scale for erecting single or connected units of structures for setting up temporary hospitals, check-up camps and quarantine facility.

Technology Partner:

M/s J T & Events
Bhopal, M.P.

MAKESHIFT BUILDINGS FOR HOSPITALS, HOUSING AND OTHER PURPOSES