

Sustainable Development Goals

11. Sustainable Cities and Communities	
Sr. No.	Technology Name
1	<u>Standalone UV Air Disinfection System for Rooms and Spaces</u>
2	<u>An Energy Efficient water-cooled condenser type air conditioner</u>
3	<u>Innovative Cool Roof Technology</u>
4	<u>Gypsum-Vermiculite-Fly Ash Light Weight Plaster</u>
5	<u>High Volume Fly Ash-Gypsum Composite Plaster</u>
6	<u>Design of High Draught Brick Kiln with zig-zag setting</u>
7	<u>Formulation of Flooring Tiles from Fluorogypsum</u>
8	<u>Formulation of High Strength Plaster from Fluorogypsum</u>
9	<u>Process Know-how for Manufacturing of Silica Nano Particles (SNPs)</u>
10	<u>Process know how of Manufacture of Paver Block and Other Building Components i.e., Tiles/Bricks from C&D Waste</u>
11	<u>Calcium Waste Utilized Cement Free Wall Putty</u>
12	<u>Concept Design of a Rotary Calcinator& Process for Manufacturing of Beta Hemihydrates Plaster (Plaster of Paris) from all Dehydrated Gypsum</u>
13	<u>Production of Internal Fuel Based Low Carbon Footprint Burnt clay Bricks with Criss-Cross Bricks Settings</u>
14	<u>Design of Wet Scrubber Based Retrofit Emission Control Device (RECD) for Diegel Generator Sets</u>
15	<u>Process for Beneficiation of Phosphogypsum</u>
16	<u>Light Weight Cellular Panels for Building Construction</u>
17	<u>Process know how to Provide Headed Bars as Mechanical Anchorage System in RC Beam-Column Joints</u>
18	<u>Glass Façade Cum Canopy Cleaning Robot</u>
19	<u>Affordable modular mobile crane multistory construction</u>
20	<u>A Multi Usable Self-Rescue Descent Device to Escape from High Rise Buildings During Disasters</u>
21	Brick Making Machine for Production of Flyash-sand-Cement/Lime Bricks with Production capacity of 5000 bricks eight hours shift
22	<u>A Boring Machine for making underground bores under trenchless technology</u>

23	Machine for Making Hollow/Solid Gypsum Panel
24	A Semi-automatic Wall Plastering Machine
25	<u>Novel Cost Effective Surficial Geometric Imperfection Measurement Device</u>
26	<u>GEO-Moratar: A Singal Component Geopolymer Based Mortar As Repair Material</u>
27	<u>Prestressing Technology for CFRP Application</u>
28	<u>Technology for Fabrication of Sustainable Building Bricks/block with Lime Sludge</u>
29	<u>Technology of Eco-Friendly and Low Cost Lime Sludge-Based Wall Putty</u>
30	<u>Development of High Volume Fly Ash (40-50%) Gypsum Composite Plaster For Interior Application</u>
31	<u>Process Know-How for The Development of CO2 Sequestered Artificial Autoclaved Lightweight Aggregates</u>
32	<u>Self-Compacting Aircrete Composite (SAC) Roof/Floor Screed for Thermal Insulation</u>
33	<u>Specific Strength Attributed Self-Compacting Load Bearing Lightweight Roof/Floor Screed Using Sintered Lightweight Aggregates</u>