Sustainable Development Goals

9. Industry, Innovation and Infrastructure	
Sr. No.	**Technology Name**
1	Building Products from Kota Stone Waste.
2	Flooring- Wall Tiles, Bricks, & Paver Blocks Using Marble Stone Waste.
3	Low carbon cements concrete composites using sustainable chemical admixtures.
4	Hybrid Rebar Coupler.
5	Lateral Collapsible Textile Structure with Fire Retardant.
6	Vertical Collapsible Structure.
7	Lateral Collapsible Structure.
8	Standalone UV Air Disinfection System for Rooms and Spaces.
9	An Energy Efficient water-cooled condenser type air conditioner.
10	Innovative Cool Roof Technology.
11	Gypsum-Vermiculite-Fly Ash Light Weight Plaster.
12	High Volume Fly Ash-Gypsum Composite Plaster.
13	Design of High Draught Brick Kiln with zig-zag setting.
14	Formulation of Flooring Tiles from Fluorogypsum.
15	Formulation of High Strength Plaster from Fluorogypsum.
16	Process Know-how for Manufacturing of Silica Nano Particles (SNPs).
17	Process Know-how for Manufacturing of Nano-Lime.
18	Development of Expansive Mortar for Silent Cracking of Stones.
19	Process know how of Manufacture of Paver Block and Other Building

	Components i.e., Tiles/Bricks from C&D Waste.
20	Calcium Waste Utilized Cement Free Wall Putty.
21	Concept Design of a Rotary Calcinator & Process for Manufacturing of Beta Hemihydrates Plaster (Plaster of Paris) from all Dehydrated Gypsum.
22	Production of Internal Fuel Based Low Carbon Footprint Burnt clay Bricks with Criss-Cross Bricks Settings.
23	Design of Wet Scrubber Based Retrofit Emission Control Device (RECD) for Diegel Generator Sets.
24	Process for Beneficiation of Phosphogypsum.
25	Fire Retardant Intumescent Coating for steel and GI duct applications.
26	Light Weight Cellular Panels for Building Construction.
27	Processes know how to Provide Headed Bars as Mechanical Anchorage System in RC Beam-Column Joints.
28	Glass Façade Cum Canopy Cleaning Robot.
29	Agro-forestry and C & D waste based flyash bricks for partition walls.
30	Affordable modular mobile crane multistory construction.
31	Portable Temporary Building Unit (PTUB).
32	Imaging of Hidden Anomalies in Concrete and Stone Masonry Structures using Ultrasonic Pulse Velocity.
33	Test Setup for simulating Controlled Settlement/Upliftment of Civil Structures.
34	A Multi Usable Self-Rescue Descent Device to Escape from High Rise Buildings During Disasters.
35	Brick Making Machine for Production of Flyash-sand-Cement/Lime Bricks with Production capacity of 5000 bricks eight hours shift.
36	A Boring Machine for making underground bores under trenchless

	technology.
37	Machines for Making Hollow/Solid Gypsum Panel.
38	A Semi-automatic Wall Plastering Machine.
39	Rapid Onsite Concrete Carbonation Depth Assessment Method for Quality Evaluation.
40	Novel Cost Effective Surficial Geometric Imperfection Measurement Device.
41	GEO-Moratar: A Singal Component Geopolymer Based Mortar As Repair Material.
42	Prestressing Technology for CFRP Application.
43	Technology for Fabrication of Sustainable Building Bricks/block with Lime Sludge.
44	Technology of Eco-Friendly and Low Cost Lime Sludge-Based Wall Putty.
45	Development of High Volume Fly Ash (40-50%) Gypsum Composite Plaster For Interior Application.
46	Process Know-How for The Development of CO2 Sequestered Artificial Autoclaved Lightweight Aggregates.
47	Self-Compacting Aircrete Composite (SAC) Roof/Floor Screed for Thermal Insulation.
48	Specific Strength Attributed Self-Compacting Load Bearing Lightweight Roof/Floor Screed Using Sintered Lightweight Aggregates.
49	Partially Insulated Single Leaf Single Swing Metal Composite Fire Door for 120 Minutes.