

## Sustainable Development Goals

| <b>9. Industry, Innovation and Infrastructure</b> |                                                                                                                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sr. No.</b>                                    | <b>Technology Name</b>                                                                                                                                                 |
| 1                                                 | <a href="#"><u>Building Products from Kota Stone Waste</u></a>                                                                                                         |
| 2                                                 | <a href="#"><u>Flooring- Wall Tiles, Bricks, &amp; Paver Blocks Using Marble Stone Waste</u></a>                                                                       |
| 3                                                 | <a href="#"><u>Low carbon cements concrete composites using sustainable chemical admixtures</u></a>                                                                    |
| 4                                                 | <a href="#"><u>Hybrid Rebar Coupler</u></a>                                                                                                                            |
| 5                                                 | <a href="#"><u>Lateral Collapsible Textile Structure with Fire Retardant</u></a>                                                                                       |
| 6                                                 | <a href="#"><u>Vertical Collapsible Structure</u></a>                                                                                                                  |
| 7                                                 | <a href="#"><u>Lateral Collapsible Structure</u></a>                                                                                                                   |
| 8                                                 | <a href="#"><u>Standalone UV Air Disinfection System for Rooms and Spaces</u></a>                                                                                      |
| 9                                                 | <a href="#"><u>An Energy Efficient water-cooled condenser type air conditioner</u></a>                                                                                 |
| 10                                                | <a href="#"><u>Innovative Cool Roof Technology</u></a>                                                                                                                 |
| 11                                                | <a href="#"><u>Gypsum-Vermiculite-Fly Ash Light Weight Plaster</u></a>                                                                                                 |
| 12                                                | <a href="#"><u>High Volume Fly Ash-Gypsum Composite Plaster</u></a>                                                                                                    |
| 13                                                | <a href="#"><u>Design of High Draught Brick Kiln with zig-zag setting</u></a>                                                                                          |
| 14                                                | <a href="#"><u>Formulation of Flooring Tiles from Fluorogypsum</u></a>                                                                                                 |
| 15                                                | <a href="#"><u>Formulation of High Strength Plaster from Fluorogypsum</u></a>                                                                                          |
| 16                                                | <a href="#"><u>Process Know-how for Manufacturing of Silica Nano Particles (SNPs)</u></a>                                                                              |
| 17                                                | <a href="#"><u>Process Know-how for Manufacturing of Nano-Lime</u></a>                                                                                                 |
| 18                                                | <a href="#"><u>Development of Expansive Mortar for Silent Cracking of Stones</u></a>                                                                                   |
| 19                                                | <a href="#"><u>Process know how of Manufacture of Paver Block and Other Building Components i.e., Tiles/Bricks from C&amp;D Waste</u></a>                              |
| 20                                                | <a href="#"><u>Calcium Waste Utilized Cement Free Wall Putty</u></a>                                                                                                   |
| 21                                                | <a href="#"><u>Concept Design of a Rotary Calcinator&amp; Process for Manufacturing of Beta Hemihydrates Plaster (Plaster of Paris) from all Dehydrated Gypsum</u></a> |
| 22                                                | <a href="#"><u>Production of Internal Fuel Based Low Carbon Footprint Burnt clay Bricks with Criss-Cross Bricks Settings</u></a>                                       |
| 23                                                | <a href="#"><u>Design of Wet Scrubber Based Retrofit Emission Control Device (RECD) for Diegel Generator Sets</u></a>                                                  |
| 24                                                | <a href="#"><u>Process for Beneficiation of Phosphogypsum</u></a>                                                                                                      |
| 25                                                | <a href="#"><u>Fire Retardant Intumescent Coating for steel and GI duct applications</u></a>                                                                           |
| 26                                                | <a href="#"><u>Light Weight Cellular Panels for Building Construction</u></a>                                                                                          |
| 27                                                | <a href="#"><u>Processes know how to Provide Headed Bars as Mechanical Anchorage System in RC Beam-Column Joints</u></a>                                               |

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| 28 | <a href="#"><u>Glass Façade Cum Canopy Cleaning Robot</u></a>                                                                                        |
| 29 | <a href="#"><u>Agro-forestry and C &amp; D waste based flyash bricks for partition walls</u></a>                                                     |
| 30 | <a href="#"><u>Affordable modular mobile crane multistory construction</u></a>                                                                       |
| 31 | <a href="#"><u>Portable Temporary Building Unit (PTUB)</u></a>                                                                                       |
| 32 | <a href="#"><u>Imaging of Hidden Anomalies in Concrete and Stone Masonry Structures using Ultrasonic Pulse Velocity</u></a>                          |
| 33 | <a href="#"><u>Test Setup for simulating Controlled Settlement/Upliftment of Civil Structures</u></a>                                                |
| 34 | <a href="#"><u>A Multi Usable Self-Rescue Descent Device to Escape from High Rise Buildings During Disasters</u></a>                                 |
| 35 | Brick Making Machine for Production of Flyash-sand-Cement/Lime Bricks with Production capacity of 5000 bricks eight hours shift                      |
| 36 | <a href="#"><u>A Boring Machine for making underground bores under trenchless technology</u></a>                                                     |
| 37 | Machines for Making Hollow/Solid Gypsum Panel                                                                                                        |
| 38 | A Semi-automatic Wall Plastering Machine                                                                                                             |
| 39 | <a href="#"><u>Rapid Onsite Concrete Carbonation Depth Assessment Method for Quality Evaluation</u></a>                                              |
| 40 | <a href="#"><u>Novel Cost Effective Surficial Geometric Imperfection Measurement Device</u></a>                                                      |
| 41 | <a href="#"><u>GEO-Moratar: A Singal Component Geopolymer Based Mortar As Repair Material</u></a>                                                    |
| 42 | <a href="#"><u>Prestressing Technology for CFRP Application</u></a>                                                                                  |
| 43 | <a href="#"><u>Technology for Fabrication of Sustainable Building Bricks/block with Lime Sludge</u></a>                                              |
| 44 | <a href="#"><u>Technology of Eco-Friendly and Low Cost Lime Sludge-Based Wall Putty</u></a>                                                          |
| 45 | <a href="#"><u>Development of High Volume Fly Ash (40-50%) Gypsum Composite Plaster For Interior Application</u></a>                                 |
| 46 | <a href="#"><u>Process Know-How for The Development of CO2 Sequestered Artificial Autoclaved Lightweight Aggregates</u></a>                          |
| 47 | <a href="#"><u>Self-Compacting Aircrete Composite (SAC) Roof/Floor Screed for Thermal Insulation</u></a>                                             |
| 48 | <a href="#"><u>Specific Strength Attributed Self-Compacting Load Bearing Lightweight Roof/Floor Screed Using Sintered Lightweight Aggregates</u></a> |
| 49 | <a href="#"><u>Partially Insulated Single Leaf Single Swing Metal Composite Fire Door for 120 Minutes</u></a>                                        |