

## **National Missions**

<b>7. Make In India</b>	
<b>Sr. No.</b>	<b>Technology Name</b>
<b>1</b>	IPN Coating for the protection of Reinforced Concrete Structures.
<b>2</b>	Hybrid Rebar Coupler.
<b>3</b>	Lateral Collapsible Textile Structure with Fire Retardant.
<b>4</b>	Vertical Collapsible Structure.
<b>5</b>	Lateral Collapsible Structure.
<b>6</b>	Eco-friendly Corrosion Inhibitor for RC Structures.
<b>7</b>	Standalone UV Air Disinfection System for Rooms and Spaces.
<b>8</b>	An Energy Efficient water-cooled condenser type air conditioner.
<b>9</b>	Innovative Cool Roof Technology.
<b>10</b>	Gypsum-Vermiculite-Fly Ash Light Weight Plaster.
<b>11</b>	High Volume Fly Ash-Gypsum Composite Plaster.
<b>12</b>	Design of High Draught Brick Kiln with zig-zag setting.
<b>13</b>	Formulation of Flooring Tiles from Fluorogypsum.
<b>14</b>	Formulation of High Strength Plaster from Fluorogypsum.
<b>15</b>	Process Know-how for Manufacturing of Silica Nano Particles (SNPs).
<b>16</b>	Process know-how for Manufacturing of Nano-Lime.
<b>17</b>	Development of Expansive Mortar for Silent Cracking of Stones.
<b>18</b>	Process know how of Manufacture of Paver Block and Other Building Components i.e., Tiles/Bricks from C&D Waste.
<b>19</b>	Calcium Waste Utilized Cement Free Wall Putty.
<b>20</b>	Concept Design of a Rotary Calcinator & Process for Manufacturing of Beta Hemihydrates Plaster (Plaster of Paris) from all Dehydrated Gypsum.
<b>21</b>	Production of Internal Fuel Based Low Carbon Footprint Burnt clay Bricks

	with Criss-Cross Bricks Settings.
<b>22</b>	Design of Wet Scrubber Based Retrofit Emission Control Device (RECD) for Diegel Generator Sets.
<b>23</b>	Process for Beneficiation of Phosphogypsum.
<b>24</b>	Fire Retardant Intumescent Coating for steel and GI duct applications.
<b>25</b>	Process know how to Provide Headed Bars as Mechanical Anchorage System in RC Beam-Column Joints.
<b>26</b>	Glass Façade Cum Canopy Cleaning Robot.
<b>27</b>	Affordable modular mobile crane multistory construction.
<b>28</b>	Portable Temporary Building Unit (PTUB).
<b>29</b>	Imaging of Hidden Anomalies in Concrete and Stone Masonry Structures using Ultrasonic Pulse Velocity.
<b>30</b>	Test Setup for simulating Controlled Settlement/Upliftment of Civil Structures.
<b>31</b>	Novel Cost Effective Surficial Geometric Imperfection Measurement Device.
<b>32</b>	Rapid Onsite Concrete Carbonation Depth Assessment Method for Quality Evaluation.
<b>33</b>	A Multi Usable Self-Rescue Descent Device to Escape from High Rise Buildings During Disasters.
<b>34</b>	Brick Making Machine for Production of Flyash-sand-Cement/Lime Bricks with Production capacity of 5000 bricks eight hours shift.
<b>35</b>	A Boring Machine for making underground bores under trenchless technology.
<b>36</b>	Machines for Making Hollow/Solid Gypsum Panel.
<b>37</b>	A Semi-automatic Wall Plastering Machine.
<b>38</b>	Development Volume Fly Ash (40-50%) Gypsum Composite Plaster For Interior Application.
<b>39</b>	Self-Compacting Aircrete Composite (SAC) Roof/Floor Screed for Thermal Insulation.
<b>40</b>	Specific Strength Attributed Self-Compacting Load Bearing Lightweight Roof/Floor Screed Using Sintered Lightweight Aggregates.
<b>41</b>	Partially Insulated Single Leaf Single Swing Metal Composite Fire Door for 120 Minutes.