

LOGO of company (paste here)	
Team Leader/s (Inventor)	Kishan Patel
Team Member/s	
Mentor/s (If any)	Dr. Jiten Shah
Date of Incubation (First date of fund allocation)	5/3/2020
Category in which you have applied	POC
Abstract: (Maximum 350 words)	<p>With the constant efforts of 1 year in developing a low cost and high strength Bricks and Blocks after multiple iterations of design finally We have developed a low cost and high strength Bricks and Block with the use of waste materials.</p> <p>Waste is now a global problem and one that must be addressed in order to solve the world's resource and energy challenges.</p> <p>We are working on SWACHH BHARAT MISSION and helping the municipal corporation to reduce waste materials and using their waste in our Bricks or Blocks.</p> <p>We are manufacturing various Bricks or Blocks using Industrial waste, Ceramic Waste, Construction & Demolition Waste, Municipal Waste Plastic, Fly Ash, Sand Dust.</p>
Present status:	Ongoing 50%
Fund allocated/sanctioned (Amount in Rs.)	41000/200000
Fund Utilised (Rs.)	41000
Total revenue generated from start-up (Rs.)	70000
Awards/rewards/prize (Provide details/ photos if any)	None
Collaboration with company (If any)	Rhino Machines Ltd
Company Registration (provide details)	<p>Company Name: ARKON Blocks</p> <p>Type of company: Proprietor Company</p> <p>Company Registration No:</p> <p>GST No:</p> <p>PAN No.</p> <p>TAN No:</p> <p>Aadhar No: 3111 5094 2879</p>

Details:

- With constant development, it has been possible for us to reduce the cost by several times, since we have developed a design with high accuracy to cost ratio and developed our own methodology for the strength.
- We are using the waste generated by some industries which is harming the environment like Industrial waste, Ceramic Waste, Construction & Demolition Waste, Municipal Waste Plastic, Fly Ash, Sand Dust.
- We develop zero percentage pollution system in our company and Manufacturing of zero Percentage Pollution Products and try to control pollution level on the earth.
- Our product is constructed using All Type of Waste Plastics which protecting environment by reducing pollution as well as plastic waste.
- Our Brick and Blocks are providing strength above 2X of current Bricks and Blocks. These Bricks and Blocks are up to 50% lighter in weight in compare to current Bricks and Blocks.
- Our Bricks and Blocks are fully customized in terms of Size and Thickness.
- In the Construction Industry Cement is one the strongest reason for Pollution and we all are aware about the pollution level on the earth and we are not using Cement in our Bricks and Blocks.
- We are manufacturing various Bricks and Blocks using many wastes like Industrial waste, Municipal Waste Plastic, Fly Ash, Sand Dust which protecting environment by reducing pollution.

Photographs:



Silica Plastic Brick



Silica Plastic Paver Block



Silica Plastic Hollow Brick



Silica Plastic Fan Base



Silica Plastic Paver Tile



Silica Plastic Brick Wall