Pimpri Chinchwad Education Trust's

Pimpri Chinchwad College of Engineering & Research Ravet, Pune

Product Developed

Department of Civil Engineering

Sr. No.	Product Name	Faculty In-charge
CAY (2019-20)		
1	Smart System of Recycling pure water at any drinking unit	Mr. Anand B. Kudoli
2	Concrete curing pad	Mr. Anand B. Kudoli
3	SaniFit+	Mr. Sudarshan S. Bobade
CAYm1 (2018-19)		
1	Instrument for Time Optimization in Traditional Surveying	Mr. Akash G. Gunjal
CAYm2 (2017-18)		
1	Compact Sewage treatment plant	Mr. Sudarshan S. Bobade
2	Reuse of waste water using emerging technique of sewage treatment	Mrs. Pranjali A. Chiwhane
3	Reuse of organic waste as compost	Mrs. Pranjali A. Chiwhane

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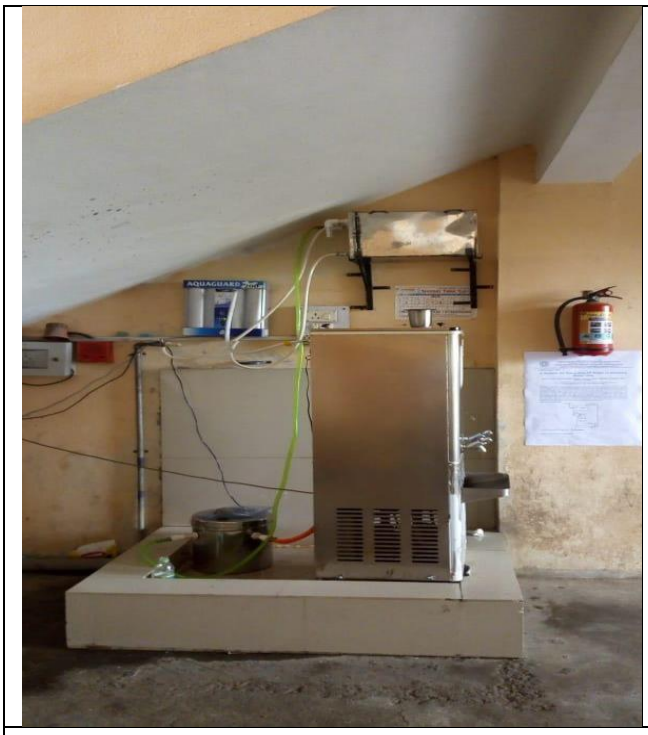
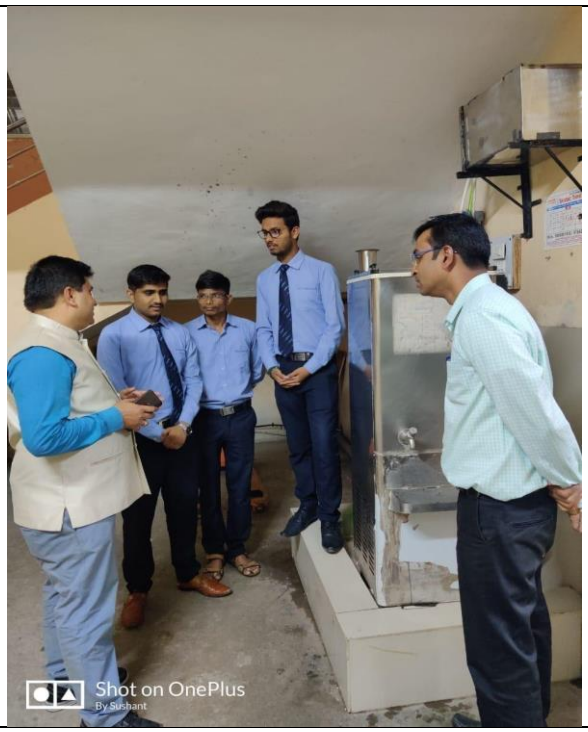
Product Developed

Department of Civil Engineering

Smart System of Recycling pure water at any drinking unit





Product Name- Smart System of Recycling pure water at any drinking unit

Product Developed By-

1.Ajinkya Puranik 2. Nishant Gawhane 3. Kunal Malawade 4. Nachiket Patil

Academic Year- 2019-20

Name of Guide- Mr. Anand B. Kudoli

Objective – To treat water which is usually wasted at drinking unit

Outcome- The system saves treated water by R.O. which is otherwise wasted and feeds back to cooling unit.

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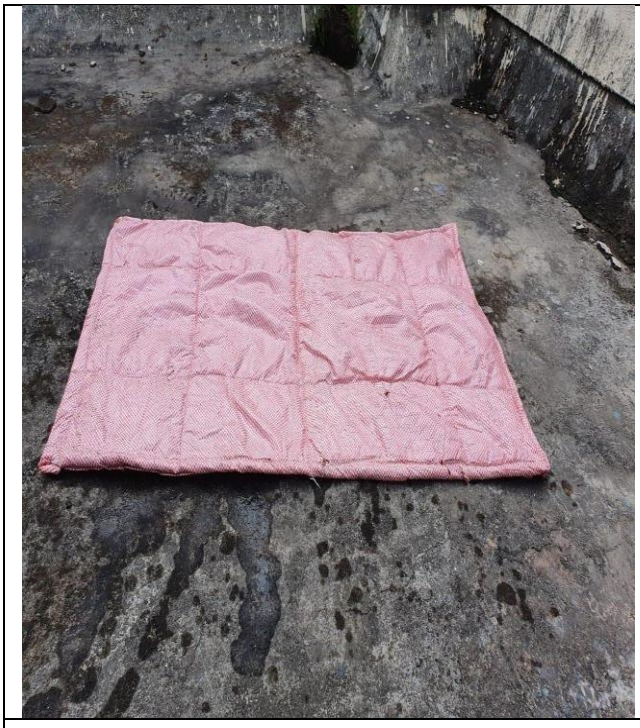
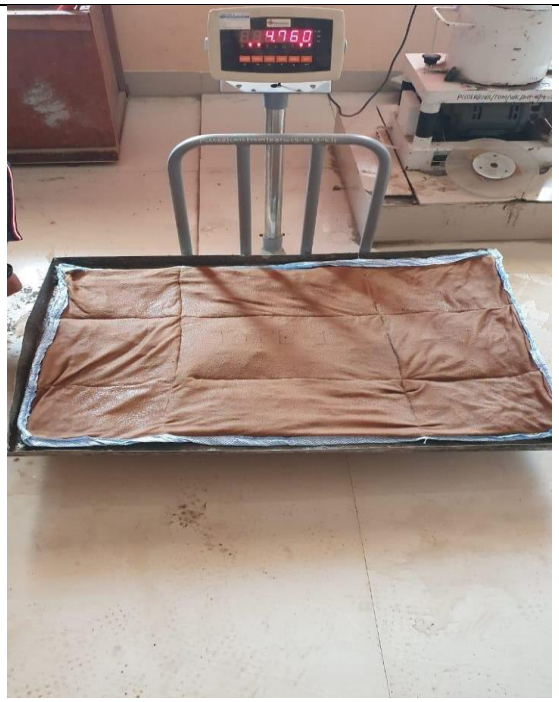
Concrete curing pad





Product Name- Concrete curing pad

Product Developed By-

1. Suraj Alhat 2. Rohit Jawale 3. Rohit Borhade 4. Shubham Mali

Academic Year- 2019-20

Name of Guide- Mr. Anand B. Kudoli

Objective- To cure RCC components with optimum use of water

Outcome- Light weight curing pad saves lot of water that is required for curing of RCC elements like slab, beam, column

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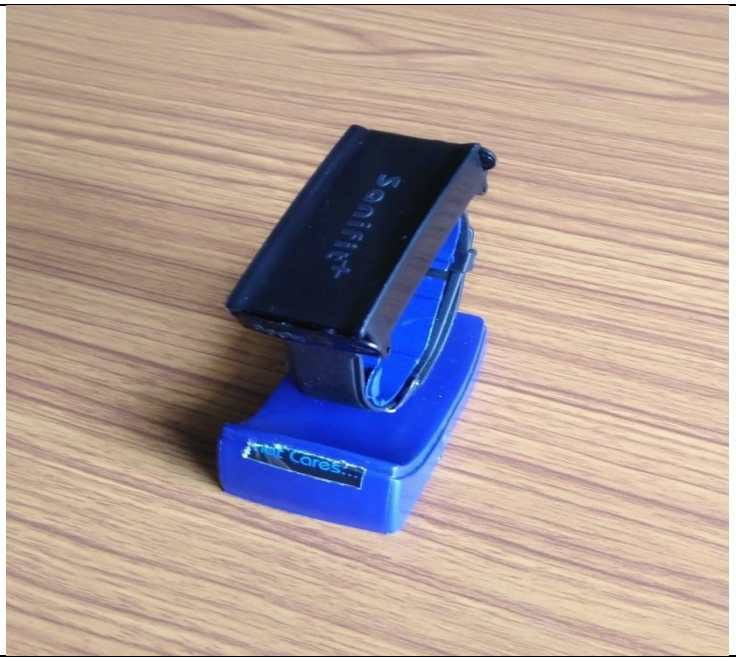
Product Developed

Department of Civil Engineering

Sanifit+



Product Name- Sanifit +
Product Developed By- Jayesh Tatiya
Academic year – 2019-20
Name of Guide- Mr. Sudarshan S. Bobade
Objective – To avoid carriage of hand sanitizer bottles
Outcome- A hand band has a refill tank for sanitizer and used for sanitizing hands.

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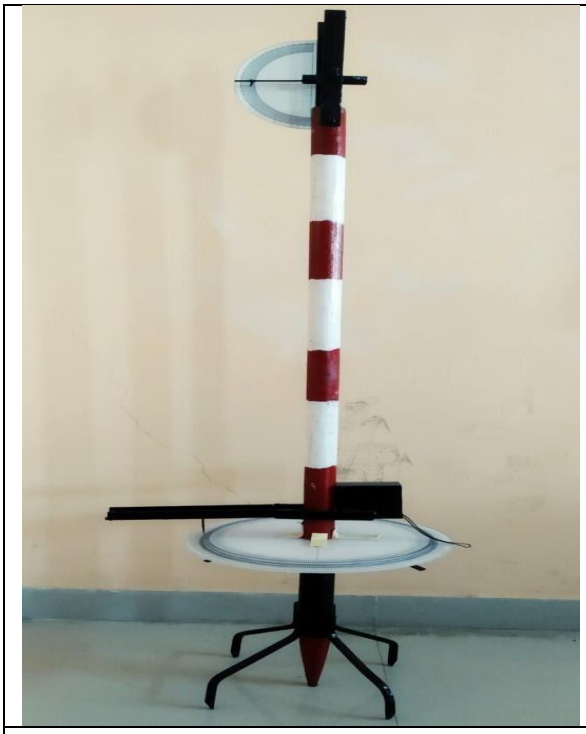
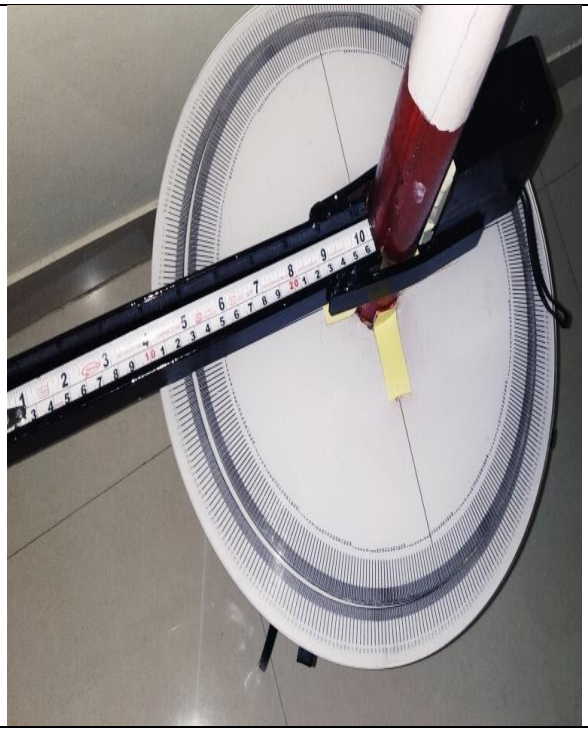
Pimpri Chinchwad College of Engineering & Research Ravet, Pune

Product Developed

Department of Civil Engineering

Instrument for Time Optimization in Traditional Surveying





Product Name- Instrument for Time Optimization in Traditional Surveying

Product Developed By-

1.Shreyas Dharmadhikari 2. Shreyas Bedagkar 3. Pranali Patil 4. Sushmita Wanjare

Academic year – 2018-19

Guide Name- Mr. Akash G. Gunjal

Objective- To reduce time and cost requirement in reconnaissance survey.

Outcome- Instrument is useful for reconnaissance survey. Surveying operations such as ranging, levelling, angular measurements, linear measurements can be performed. The instrument is inexpensive, detachable, user friendly and its accuracy can be compared with 20 second theodolite

Pimpri Chinchwad Education Trust's

Pimpri Chinchwad College of Engineering & Research Ravet, Pune

Product Developed

Department of Civil Engineering

Compact Sewage treatment plant

Product Name- Compact Sewage treatment plant

Product Developed By-

1.Shubham Kulkarni 2. Reshma Hasabe 3. Ajay Parade 4. Priyanka Gadekar

Academic year – 2017-18

Name of Guide- Mr. Sudarshan S. Bobade

Objective- To reduce size of sewage treatment plant so that it can be used for residential properties

Outcome- Very compact sewage treatment plant which is designed for a capacity of 200 Litre. This compact plant treats water from toilets, bathrooms and makes it usable for purpose of gardening.

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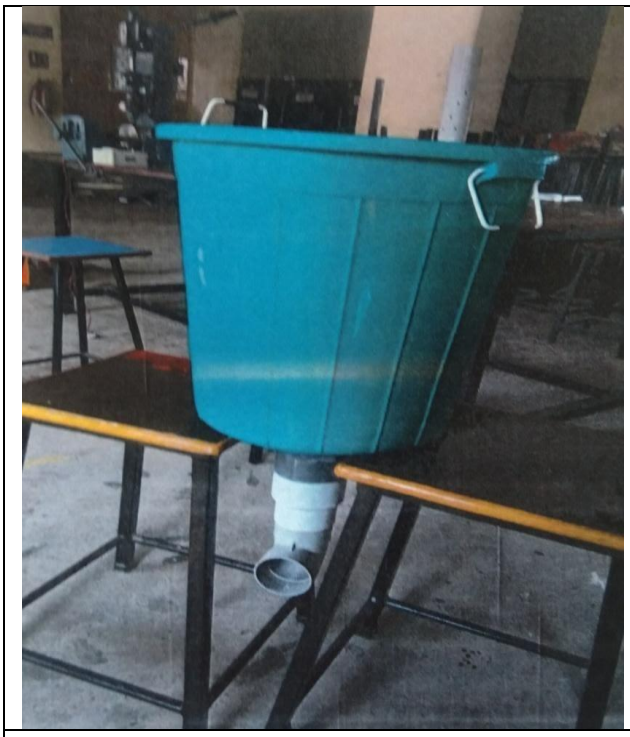
Pimpri Chinchwad College of Engineering & Research Ravet, Pune

Product Developed

Department of Civil Engineering

Equipment for sewage treatment



Product Name- Equipment for sewage treatment

Product Developed By-

1.Omkar Jadhav 2. Ashish Kilkile 3. Vishal Khamgal 4. Mahesh Kandbhor

Academic year – 2017-18

Name of Guide- Mrs. Pranjali Chiwane

Objective- To treat grey water in residential buildings

Outcome- Grey water from residential building is treated so that it can be recycled for garden, washing and flushing.

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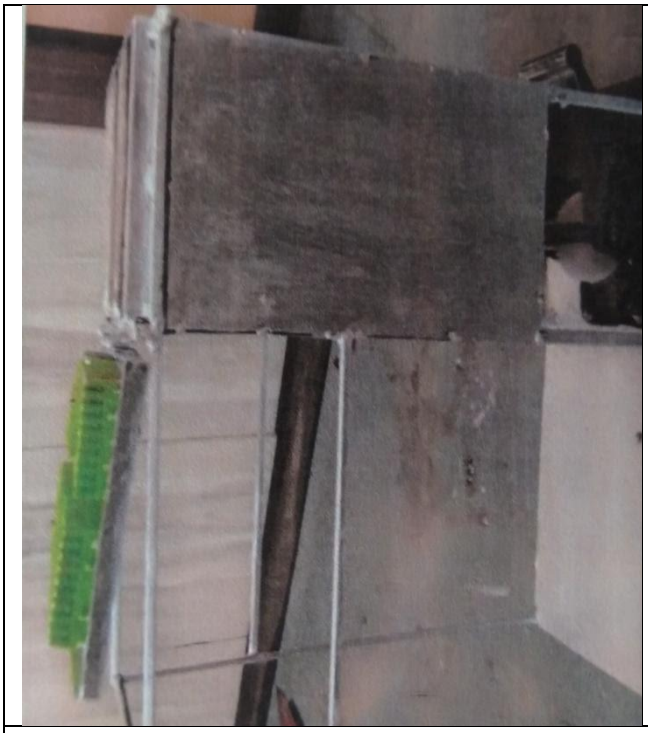
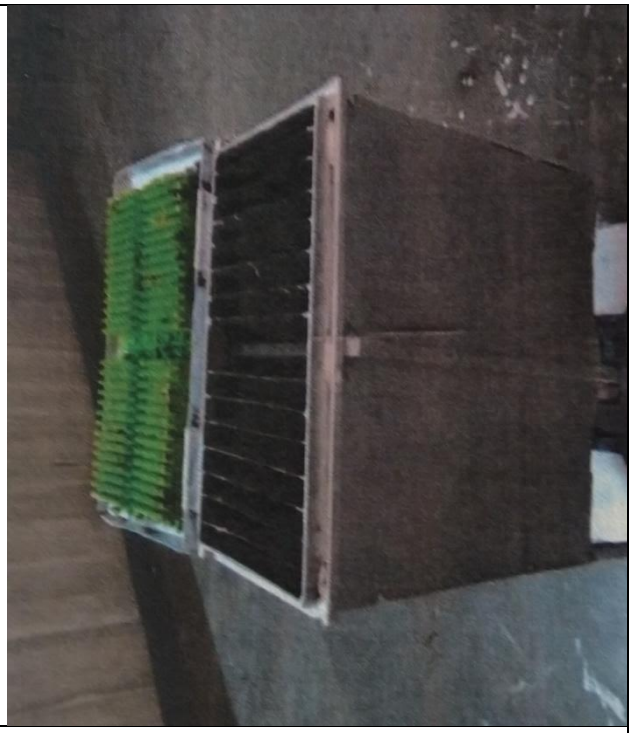
Product Developed

Department of Civil Engineering

A compost bin





Product Name- A compost bin

Product Developed By-

1.Amita Tiwari 2. Sonal Salunkhe 3. Payal Ghotale 4. Nitin Mate

Academic year – 2017-18

Name of Guide- Mrs. Pranjali Chiwane

Objective- To reduce load at landfill

Outcome- A compost bin treats waste at the source producing compost and load at landfill is reduced.