ENVIRONMENTAL STATEMENT

FORM V

(See Rule 14 of The Environment Protection Act, 1986)

Environmental Statement for the financial year ending as on 31st March 2020.

PART A

General Information

1	Name of the Educational Trust	**M/s. SRM Institute of Science & Technology**
2	Name and address of the Managing Trustee / Founder of the Educational Trust.	Dr.T.R.PAARIVENDHAR Founder Chairman / Managing Trustee, M/s. SRM Institute of Science & Technology Trichy Chennai NH-45 Main Road, Irungalur Village & Post, Mannachanallur Taluk, Tiruchirappalli District, PIN Code: 621105
3	Industry category Primary- (STC Code) Secondary - (STC Code).	Teaching Hospital
4	Production Capacity	Educational Institution (Teaching Hospital)
5	Year of Establishment	01.08.2009
6	Date of the last environmental Statement submitted	EC Obtained for our Teaching Hospital of Trichy SRM Medical College Hospital & Research Centre, vide Letter No. SEIAA/TN / F.484/ 2012/ 6360/ 2017/ EC/ 8(a)/ 558/ 2018, dt:22.01.2018 after that we have obtained CTO Direct for Air & Water for the year 2019-2020 vide TNPCB Consent Order No. 1905122207994, dated 04.07.2019.

PART B

Water Consumption Details		
Sl. No.	Consumption Type	Quantity (KLD)
1	Process (Easily Biodegradable)	75
2	Domestic	215
3	STP Treated waste water reused for toilet flushing	135
4	STP Treated waste water reused for Gardening & GreenBelt	240

Teaching Hospital Details:

Sl.No.	Details of the Hospital	Quantity	Unit	End Use
1	Educational Institution (Teaching Hospital) having an area of **90700 Sqm** with the capacity of 750 beds			
a	In Patient	750	Nos/Day	Treatment of In-Patient
b	Out Patient	1500	Nos/Day	Treatment of Out-Patient

PART C

Pollution discharged to environment / unit of output. (Parameter as specified in the consent issued)

Sl.No.	Pollution	Quantity of pollutants Discharged (mass/ day) Kg/Day	Concentration of pollutants in discharges (mass/ volume)	Percentage of variation from prescribed standards with reasons
1	Water	Collection tanks are provided for domestic Sewage disposal. From Collection Tank to Our Exiting STP for further Treatment.	Water Pollutants are found to be with in the Norms -	-
2	Air	Nil Pollution load will be there on the Surrounding atmosphere.	All pollutants are found to be within Norms	-

PART D

Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process (b) From pollution control facilities.	Not Applicable	Not Applicable

PART E

Solid Wastes (Non Hazardous Waste)

Sl.No.	Name of the Waste	Quantity	Units	Mode of Disposal
1	Organic Waste	540	Kgs/Day	Bio Gas
2	STP Sludge	55	Kgs/Day	Used as Manure
3	Non Bio degradable Waste	25	Kgs /Day	Sold to Recycler
4	Bio Medical Waste	338	Kgs /Day	Disposed through Common Biomedical Facility

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) No Hazardous wastes are generated
2) Solid Waste Generated is disposed through proper ways.

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

1) Trucks with sand are covered by Tarpaulinsheets during transportation.
2) Periodical maintenance for the machineries and vehicles used for construction purpose are done.

3) The Waste water generated from the construction site is being treated in existing STP.
4) Strom water re-use plan is being followed as per the conditions of CGWD

PART H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution.

1) Consumption of water is controlled by the appropriate technology.
2) The control of Air & Noise pollution is strictly adopted by implementing proper mitigation measures.

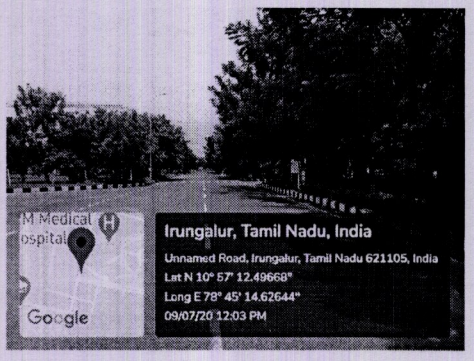
PART I

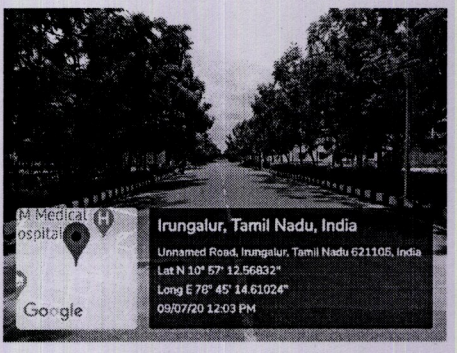
Any other particulars for improving the quality of the environment.

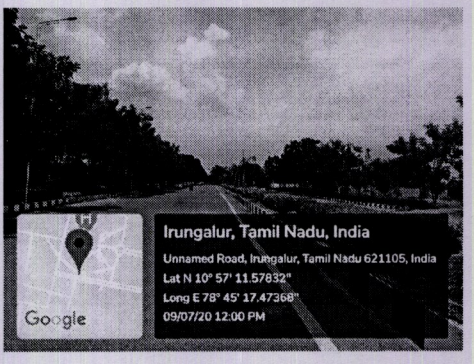
1) Top soil excavated is used for horticulture plantation within the premises.
2) The arrangements for the fire protection / rescue activities are envisaged as per approved plan.
3) Periodic Environmental Monitoring is carried out by NABL accredited Laboratory.
4) The vehicles with good conditions are being utilized for transportation, to control air & noise pollution.
5) Bio Gas Plant are installed our campus to manage solid waste.
6) **World Environmental Day celebration:**

   The Environment is the most important resource for life. SRM TRICHY CAMPUS observed WORLD ENVIRONMENT DAY with a plantation drive on 5th June 2020. Trees are valuable gifts of nature. They are known as the best friends of human beings with this view in mind our management pays more attention in saving our environment. We are proudly presenting here that we have grown more than 5000 trees of various kind in our Campus. Such as Royal Paulm, Peltophorum Perrugenium, Naval Trees, Rain Tree, Neem Trees, Pungan Trees, Gouva Trees, Mango Trees, Lemon Trees, Malai Veembu, Elupai Trees,

Bismarkia, Silver Oak etc., Right from Jan 2020 to May 2020 we planted around 200 trees.





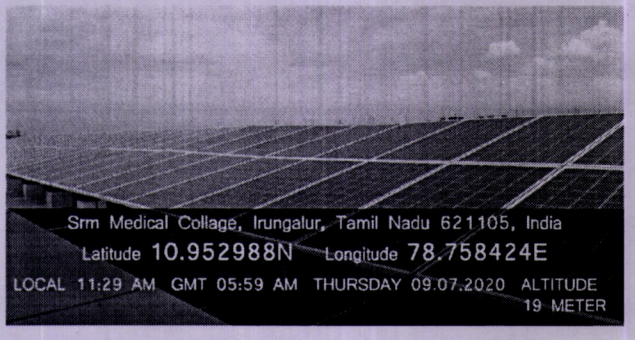


7) **Mechanized housekeeping practice in the entire campus.**

Housekeeping is very important aspect in cleanliness of the Campus. All Our campus housekeeping operations like floor cleaning and Roads sweeping are fully mechanized.

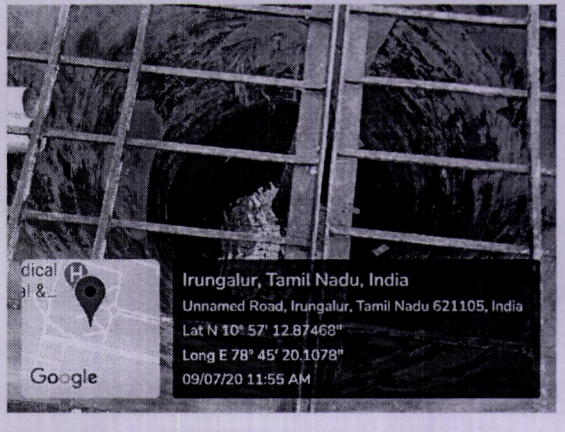
8) **Solar Power Plant.**

We have installed Solar Power Plant in the capacity of 1 MW. We are now concentrating Renewable Energy than Electrical Energy.



9) **Rain Water Harvesting System**

We have provided Rain Water Harvesting System in Hospital Building, Medical College Building, Medical College Hostel Building & Residential Quarters.



For SRM Institute of Science & Technology

Y General Manager 15/4/2020

SRM-Trichy Campus