



7.3 Institutional Distinctiveness

7.3.1 Institution in one area distinctive to its vision, priority and thrust

Infrastructure for student's academic and co-curricular activities

State of art Infrastructure in SSIT is one area distinctive and differentiates from the rest.

The institution has provided the best possible facilities in terms of infrastructure required for teaching, learning and also for sports activities to make a student a complete student in all dimensions. The classrooms, laboratories, smart classrooms, conference room, seminar halls and administrative office are built highly conducive for overall academic environment of academic standards.

The Infrastructures

Sports: SSIT has fully equipped separate grounds for athletics, tennis, basketball, indoor badminton courts, volley ball courts and a big indoor auditorium of international standards which can accommodate 4000 people. As an outcome of this, many of our students have performed well in state and national level sports events and secured many medals.

Security: SSIT is constantly monitored with closed circuit TVs to ensure 100% safety to parents whose children are undergoing a course.





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SIGMA AUDITORIUM







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LEO MUTHU INDOOR STADIUM





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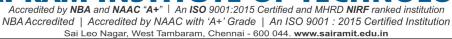








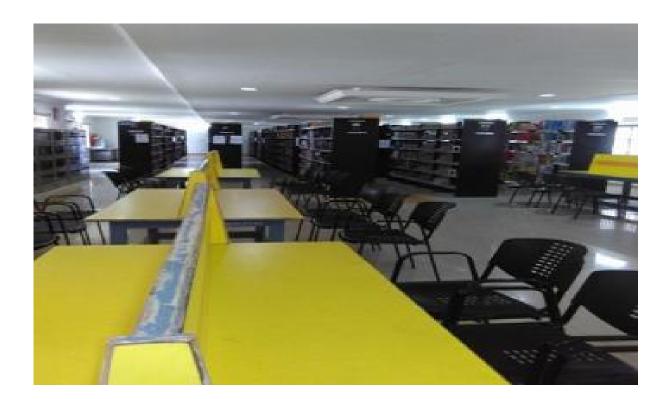






Library: SSIT has a spacious and well stocked with 15,000 books, e-journals, and a well-structured database with fully automated functioning to monitor the distribution of books. At any time about 75 users can sit and work in the library.







GY MAA

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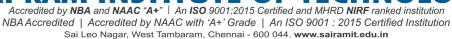


MAAC

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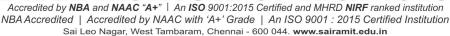




Power backup: SSIT is an area where power supply is highly intermittent. Separate room for operating the Generator (in area 33.6 Sq. m.). It supplies 250KVA to the campus to supply an uninterrupted power supply to the students learning process.









INFRASTRUCTURE AVAILABLE

Constructed area 35600sq.ft

S.No	Distribution	Area (in Sq.m)
1	Instructional Area (Class Room)	4536
2	Instructional Area (Lab & Workshop)	21065
3	Amenities (Canteen, Stores, Bank, Gym, etc)	7200
4	Hostel – Boys	5117
5	Hostel – Girls	4548
6	Play Ground and Indoor Stadium	16960
7	Central Library	800
8	Administrative office & Principal's Office	820
9	Drawing Halls	450
10	Computer Centres (I, II, III, & IV)	2870
11	Language Lab	84
12	Staff Rooms, Department Libraries	750
13	R&D and IEDC facilities	800
14	Auditorium	3700
15	Seminar hall & Conference halls	9600
16	Placement &personality development, Communication skills development cells	1600

IEDC CELL (Innovation and Entrepreneurship Development Centre (IEDC))

The Innovation and Entrepreneurship Development Centre (IEDC) is an initiative of National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology (DST), New Delhi. With an aim of develop institutional mechanism to create entrepreneurial culture in academic institutions to foster growth of innovation and entrepreneurship amongst the faculty and students.

The Innovation and Entrepreneurship Development Centre (IEDC) is an initiative by National Science and Technology Entrepreneurship Development Board (NSTEDB) funded by Department of Science and Technology, New Delhi was launched in the year 2015. IEDC offers financial



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support every year to promote novel ideas and develop innovative products within the student community and teaching fraternity. From the year of establishment the cell is consistently conducting the Entrepreneurship Awareness Camp (EAC), Faculty Development Programme and Technology based Entrepreneurship Development Programme (TEDP) funded by Entrepreneurship Development Institute of India (EDI).

The objectives of IEDC include an institutional mechanism for providing services such as information dissemination on all aspects of enterprise building to budding student entrepreneurs. IEDC aims to create Entrepreneurial culture and supports the objectives of NSTEDB. Innovation driven entrepreneurship is instilled to students through their projects.

Every year five projects under the cell are being funded by DST and one project by management. Business plan competitions are organized annually. Guidance and assistance are offered to prospective entrepreneurs on different aspects. Interaction with entrepreneurs is organized and a mentor ship scheme for student entrepreneurs is formed This center is providing financial support to number of students for developing innovative products every year. We also provide the mentoring and Infrastructural support for these projects.

The projects may be student projects with student's involvement with a high degree of innovation in them. As far as possible the projects may be multi-disciplinary in nature. The excellent **infrastructure** in SSIT has been able to attract many students from almost all corners of Tamilnadu.











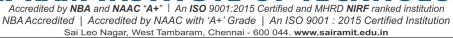
Smart Class

Total No. of Smart Class Rooms: 6 Nos.











MEDICAL FACILITIES

MEDICAL FACILITIES INCLUDING AMBULANCE SERVICES







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An ambulance is a medically equipped <u>vehicle</u> which transports patients to treatment facilities, such as hospitals. In some instances, out-of-hospital medical care is provided to the patient in the covid emergency in the nearby area of college ,if anybody want ambulance is arranged .Contact No: 8056495757



DOCTORS DETAILS

Sairam institutions has also arranged doctors visit to the adopted village regularly these are the following details about the doctors which is mentioned below

- A. Sri Sai Ram Homoeopathy Medical College & Research Centre
- 1. Dr. V. MangalaRubini BHMS, MD
- 2. Dr. S. Mahalakshmi BHMS, MD
- B. Sri Sairam Siddha Medical College & Research Centre
- 1. Dr. T. Subathra MD(S)

DOCTORS VISITING DETAILS

Day	Type of Medicine	Doctors Name
Monday	Homoeopathy	Dr. S. Mahalakshmi BHMS, MD
Tuesday	Siddha	Dr. T. Subathra MD(S)
Wednesday	Siddha	Dr. T. Subathra MD(S)
Thursday	Homoeopathy	Dr. V. MangalaRubini BHMS, MD
Friday	Siddha	Dr. T. Subathra MD(S)





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An open work shop was conducted for the in order to create the awareness and also give relieves in the Pandemic situation an psychosocial counselling was arranged for all the students as well as for others too.



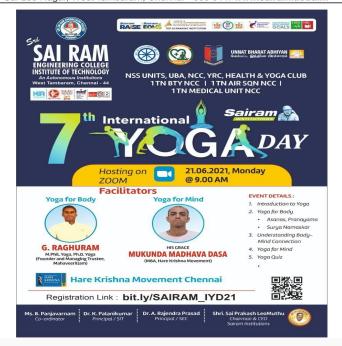
On the Occasion of yoga day we encouraged many people to do on yoga and submit the various asanas photos of them. in order to motivate them for E – certificates were also provided. those who are beginners in yoga we have also conducted a webinar yoga for mind and body. Which was a live streamed in you tube so that thousand of people could get the benefits.



MACONINATION NAAC

SO SOOT
BUREAU VERITAS
CHITICATION

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Many of the students and parents where affected of COVID second wave. Most of them had symptoms of tiredness and depression due to this. A webinar was organised for the beneficiary of the students and as well as the parents. this is the team effort of the all the clubs of sairam institution.



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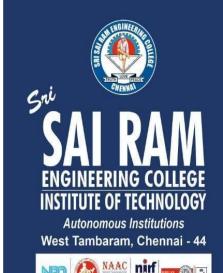
RED RIBBON CLUB















Hosting on Zoom



26.06.2021, Saturday @ 4.30 PM - 5.30 PM



Resource Person

Ms. I. Lydia

Registered RNRM No: 173482/17/02/2117 Primary Health Center, Chintagampalli Bargur, Krishnagiri District.



Registration Link

https://forms.gle/xNAEeNiq8r5JN3udA



Principal/SIT

Dr. K. Palanikumar Dr. A Rajendra Prasad Principal/SEC

Shri. Sai Prakash LeoMuthu Chairman & CEO Sairam Institutions



An poster was creates by the our students and faculty which was circulated among the social media. To create the awareness among the society





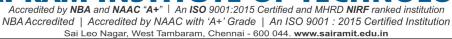
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And for the supporting staff the vaccination drive was arranged in the campus it self in order to avoid the over crowded in the public health centers and in the hospital.









STUDENT ENTERPRENEURSHIP DETAILS

S.No.	Year	No .Of. student entrepreneur s
1.	2020-2021	2
2.	2019-2020	2
3.	2018-2019	2
4.	2017-2018	1
5.	2016-2017	2
6.	2015-2016	1
7.	2014-2015	1

LIST OF ENTERPRENEUR

S.No.	Name of the Student/Alumni/ Faculty entrepreneur	Graduating year	Name of the company incubated
1.	SujaySudarsan	2013	PROFESSIONAL ELEVATORS, Chennai
2.	Balamuralikrishna K	2014	K B ENTERPRISES , Chennai
3.	S.Nethaji	2015	SOFTELECTRONET SOLUTIONS, Chennai -63
4.	Rakesh .C	2015	CNS SYSTEMS , CHENNAI-44
5.	AshwinRavi Shankaran	2016	ARAVIND ASSOCIATES, Chennai.
6.	RajasekarB	2016	SIVAM CONSULTANCY, Trichy
7.	SenthilkumarB	2016	SK DEVLOPERS Pvt . Ltd.
8.	R.Kamesh	2016	BHARATHI INDUSTRIES , Chennai.





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9.	Mohammad Irfan	2016	HILAL TANNERY, Chennai
10.	Mr. P. Rajasekar	2018	Auto Desk Solutions , Ambatore , Chennai
11.	Mr. SAMBATH.A	2018	V.N.FOUNDATIONS
12.	Mr. Skanda Gurunathan	2018	Diskvy
13.	Mr.SANKAR GANESH.M	2019	Global Tech Cart
14.	Ms.N.B.Vishali	2019	Sun Star Play School
15.	Mr.Harish.D	2020	Classic Shape Unisex Fitness Centre
16.	Mr.Syed Imran	2019	Hirecruiz
17.			

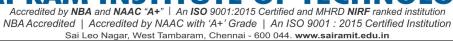
Year 2020-21

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr.Harish.D	2020- Passed out student	Classic Shape Unisex Fitness Centre
2	Mr.Syed Imran	2019- Passed out student	Hirecruiz

Year 2019-20

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr.SANKAR GANESH.M	2019- Passed out student	Global Tech Cart
2	Ms.N.B.Vishali	2019- Passed out student	Sun Star Play School







Year 2018-19

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr. SAMBATH.A	2018–Passed out student	V.N.FOUNDATIONS
2	Mr. Skanda Gurunathan	2018–Passed out student	Diskvy

Year 2017-18

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr. P. Rajasekar	2018–Passed out student	Auto Desk Solutions , Ambatore , Chennai

Year 2016-17

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr. Subhakar.P	2017–Passed out student	1. Neo Well win India & 2.Industrial and marine safety care. Chennai.
2	Mr. D. Sujeeshkumar	2017- Passed out student	Pro MENVY Technology F-3, Asok Nagar, Chennai.

Year 2015-16

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr. Kamesh.S	2016–Passed out student	Bharath Industries – Chennai . Thirumudivakkam, Chennai – 600044.



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Year 2014-15

S.No.	Name of the Student/Alumni/Faculty enterpreneur	Graduating year(applicable for student/alumni)	Name of the company incubated
1	Mr. RAKESH.A	2015–Passed out student	CEO , CNS Industries (All kind of Lathe works) , Ekaduthangal, Guindy, Chennai - 600032.

NPTEL

NPTEL online courses is an opportunity for the Faculty members of the Local Chapters to guide and monitor their students' progress in the NPTEL online course and ensure better performance and understanding of the subject by the students.

NPTEL YEAR WISE DETAILS

YEAR	MONTH	ENROLLED	REGISTERED	CERTIFIED
2019	JAN-MARCH	405	47	38
	JAN-APRIL	1473	114	89
	JUL-DEC	299	66	40
2020	JAN-MARCH	306	29	41
	JAN-APRIL	584	44	28
	JUL-DEC	220	4	4
2021	JAN-APR	700	98	49
	JUL-DEC	310	19	10



NAAC
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Consumer Behaviour
with a consolidated score of 87 %
Online Assignments 23.75/25 Proctored Exam 63/75

Total number of candidates certified in this course: 1215

swayam











is awarded to

T. N. M. THARINNI MAI

of

SRI SAIRAM INSTITUTE OF TECHNOLOGY

CHENNAI, TAMIL NADU

for his/her instrumental role as SPOC for the **SWAYAM-NPTEL** Local Chapter. Thank you for being NPTEL's brand ambassador at your esteemed institution.

ACTIVE SPOC JAN -DEC 2021

Active SPOC based on Performance & Participation of Candidates for the JAN- DEC 2021 semester PROF. ANDREW THANGARAJ

NPTEL Coordinator

IIT Madras



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SWAACH CAMPUS

SRI SAIRAM INSTITUTE OF TECHNOLOGY, Chennai is Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution .The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation, Hygiene, Water Management, Energy Conservation and Greenery post COVID -19 along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.

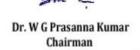


Certificate



This is to certify that SRI SAIRAM INSTITUTE OF TECHNOLOGY, Chennai, Tamil Nadu now is a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.

Date of Issue: 31.08.2020



Mahatma Gandhi National Council of Rural Education
Department of Higher Education, Ministry of Education
Government of India
Certificate No.: MeE/SES REC/IN/Chennai/N352/33



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Sairam Institute of Technology has created a cell called SES-REC under the guidance of MGNCRE in order to maintenance swachhta among the campus and adopted 5 nearby villages (Pazhanthandalam, Erumaiyur, Rajagopal Kandigai, Dhargast, and Ettiyapuram). And outstandingly striving hard to develop the lifestyle of the villagers and education. Tireless efforts of this college give phenomenal outcomes among the villagers in terms of their health, awareness, skill, and entrepreneurship. The students met 300 people in the Adopted villages and conducted a survey to assess the amenities and facilities in their homes. As a part of Swatch Bharath, the students actively involved themselves and cleaned the places. They also created awareness among the people on Covid 19 and explained the importance of social distancing and wearing a mask. Also, a Campaign was conducted to explain the importance of the toilet and its uses. A rally was conducted in the adopted village by our students, Student Volunteers planted saplings with a view to creating a better understanding of the importance of the tree. Hence, it was an eye-opener for many people of the adopted villages. The people readily promised to maintain hygiene by using the toilet system and they promised to keep their village clean and green.

Sri Sai Ram Institute of Technology has been ranked "THIRD" for maintaining, promoting and encouraging the culture of "SWACHHATA" among Higher Educational Institutions across India,in SWACHH CAMPUS RANKING 2018 conducted by Ministry of Human Resources Department (MHRD) Government of India,fromHonourable Union Minister of Human Resource Development, Mr. Prakash Javadekar, on 1st,October,2018 at Hotel The Ashok,New Delhi.





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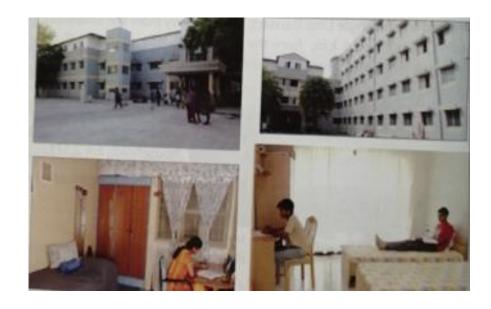
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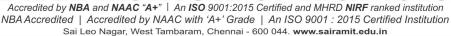
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Sri Sai Ram Institute of Technology is contributing to attain the Sustainable Development Goals (SDG) in all academic and non-academic walk of its own. All activities are mapped with at least one goal and committed to serve the society and to Nation at large.





Sri Sai Ram Institute of Technology is always active inInstitutional level Social service interventions such as scientific farming support through our AGRINEXGEN Project (http://sairamit.edu.in/agrinexgen/), in-home health services like eye-camp, blood donation camp, Skill based Education to the school students studying in nearby villages, Cleaning the vicinity, Plantation of saplings and their maintenance, awareness creation for social schemes implemented by state and central governments (such as Swacch Bharat, digital India), nutrition, and child care. All these intervention activities are meticulously planned, scheduled and monitored by the Institutional wings of Unnat Bharat Abhiyan (UBA), Youth Red Cross (YRC), National Service Scheme (NSS) and National Cadet Corps (NCC). UBA of Sri Sairam Institute of Technology adopted 5 nearby villages (Pazhanthandalam, Erumaiyur, RajagopalKandigai, Dhargast, and Ettiyapuram) and outstandingly striving hard to develop the lifestyle of the villagers and education.



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Tireless efforts of this college give phenomenal outcomes among the villagers in terms of their health, awareness, skill and entrepreneurship. Being an award winner under "Engineering Colleges" category of SWACCHTA 2018 (ranked 3rd) across India, this Institute spreads its cleanliness campaign to all these adopted villages through regular programmes of NCC, NSS and YRC Volunteers, which yielded 100% outcome in eradication of open defecation in these 5 villages.

Swachhta Action Plan Activities Pre and post COVID 19

PRE COVID

adopted villages have five college we that near our are Manimangalam, Nallur, Karisangal, Kundrathur and Aadanoor, it comes under Kanchipiramdistrict. Intially, the students met 300 people in the Adopted villages and conducted a survey to assess the amenities and facilities in their homes .As a part of Swatch Bharath, the students actively involved themseleves and cleaned the places. They also created awareness among the people on cleanliness. Also, a Campaign was conducted to explain the importance of the toilet and its uses

A rally was conducted in the adopted village by our students ,Student Voluntees planted saplings with view to create a better understanding about the importance of the tree in theses areas. Hence , it was an eye opener for many people of the adopted villages . The people readily promised to maintain a hygienic by using toilet system and they promised to keep their village clean and green.



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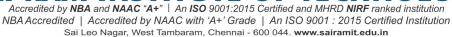


POST COVID

The disruption caused by COVID-19 pandemic has been drastic and perhaps one of the most dramatic transitions witnessed in the education sector. The massive and unexpected closures have forced educational institutions to seek quick fixes in different digital learning platforms. More than a semester later, lockdowns have eased and universities envision to reopen across the country. While it's essential to outline the likely future of higher education. For outdoor gatherings, the maximum attendance is <u>50 people</u> or the COVID-19 capacity of the space, whichever is less.

- Face coverings and a distance of 6 feet must be maintained at all times between participants.
- Seats or spaces to stand that are at least six feet apart should be clearly marked for attendees.







- Events conducted which didn't include mingling or reception activities, as it is difficult to maintain appropriate social distancing.
- Maintained a list of attendees in case follow-up is needed for contact-tracing purposes.

Activity Report – May 2020 to February 2021

ACTIVI	Sanitation and	Waste	Water	Energy	Greenery
TIES	Hygiene	Management	Management	Management	
May-20	Campus was	Awareness	Audit of water	Conducted	Activity
	fully sanitized to	creation in	sources in the	Webinar on	Report was
	prevent diseases.	collaboration with	campus	"An	Proposed
	provent discuses.	Eco Club.		Introduction to	
				E-Mobility on	
				16.05.2020	
Jun-20	Created	NIL	Action plan	NIL	ORGANIC
	checklist and		Preparation for		FARMING
	issued		water management		Started in
					Kalam
					Garden
Jul-20	Campus and the	Webinar on World	Population	NIL	Segmentation
	surroundings	Without Plastics.	calculation, purpose		of college
	Cleaning		of water usage and		campus
			its consumption and		
			water supply		
			periodically		
Aug-20	Check list	NIL	Construction /	NIL	Seed balls
	verified and		increasing no of		are made and
	alloted few more		Rain water		stored in seed
	Non teaching		harvesting pits in		banks
	faculties		the campus		



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Sep-20	Discussed some	Action Plan	Recharge tank	Action Plan	Nursery beds
	of the options	Preparation –	location	Preparation-	are created
	for improving	Waste		Energy	
	sanitation and	Management.		Conservation	
	hygiene				
Oct-20	For the proper	Webinar on	Fixing leakage taps	Study of	Organic
	maintenance, it	Sustainable		Energy	vegetables
	is decided that	Housing for all.		Consumption	were
	Toilets will kept			Status in our	harvested.
	open in alternate			campus	
	days				
Nov-20	Created	NIL	Inauguration and	Conducted	First unit
	awareness Thru		Automatic rain	webinar on	was extended
	World Toilet		gauge installation	"Wind Energy	Kalam
	Day on			Assessment	Garden
	November 19 th ,			and Challenges	
	2020			- 10.11.2020	
Dec-20	Given	Study of Current	Water treatment	Organized	Second unit
	awareness	Waste	system	Next Gen	was extended
		Management		Saviours on	
		Technique in the		14.12.2020	
		Campus			
Jan-21	Student	NIL	Need for innovation	Implementation	Drip
	volunteers		system and smart	of energy	Irrigation for
	joined with the		management in	efficient	the trees in
	house keeping		institution	methods in our	front of the
	team			campus	college,
Feb-21	Sanitizer and	Waste Audit	Implementation of	Conducted	college lawn
	hand wash kept		water waste	webinar on	and college
	in the each floor,		management	"Distributed	canteen were undertaken.
	labs, office, staff			Generation and	инчеттакеп.





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room	Power Quality
	- 20.02.2021

SANITATION AND HYGIENE

PRE COVID

- Sanitation and Hygiene activities maintained by office staff and Floor supervisor.
- Activities of cleaning process entered in Note book maintained in office.
- Sanitizer and hand wash not used in the campus before Covid.
- Cleaning process done in every week for Toilet, wash basin, class room, staff room and corridor.

May 2020	Campus was fully sanitized to prevent diseases.
June 2020	Created checklist and issued to the floor supervisors to maintain the
	cleanliness and monitored every week by Sanitation and Hygiene team
July 2020	Campus and the surroundings Cleaning
August	Check list verified and alloted few more Non teaching faculties to ensure
2020	the cleaning process
September	Discussed some of the options for improving sanitation and hygiene
2020	
October	For the proper maintenance, it is decided that Toilets will kept open in
2020	alternate days
November	Created awareness Thru World Toilet Day on November 19th, 2020
2020	
December	Given awareness to understand the global context of sanitation and
2020	hygiene and also reviewed the major problems due to lack of sanitation
	Explained the consequences to people health, development and well-being
January	Student volunteers joined with the house keeping team and sweepers to
2021	clean the campus and the surroundings



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Febrary 2021

Sanitizer and hand wash kept in the each floor, labs, office, staff room and wash basin and separate water canes

CAMPUS CLEANING PHOTO





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SWACHHTA ACTION PLAN (2020 – 2021)

- Briefly mention the activities carried out in this area, people involved, steps involved, dates on which these were carried out during and post COVID
- Challenges faced
- 1. Lack of manpower for executing various activities related to water management
- 2. Difficulty in reliable data collection efficiently
- 3. Difficulty in identifying leaky taps in various locations and at different times
- 4. Action implemented
- 5. Additional manpower was introduced to strengthen the team. The following are the members:
- Ms.S.Kavitha(Junior Asst.Librarian)
- Ms.G.Umamaheshwari(Mechanical lab technician)
- Mr.A.Lazar(OA/ECE)
- Mr.C.Jambulingam(OA/EEE)



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Mr.D.Jagan(System Programmer/ECE)

- 6. Data collection was made easier by increasing the manpower
- 7. Leaky taps identification efficiency was increased by the increased manpower, however alternate means like automatic sensors can be installed near taps to identify the leaks in future



Figure 1: Rainwater Harvesting



Figure 2: Overhead Water tank



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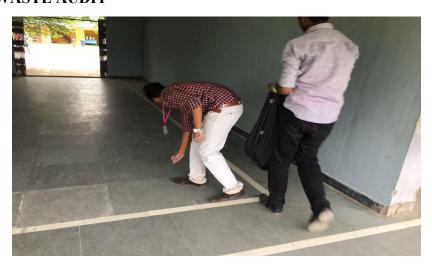


SOLID AND LIQUID WASTE MANAGEMENT

The college students continuously monitor the waste and dispose it frequently. The biological waste like food waste is converted as manure by vermi composting. Also the liquid waste treatment is used for planting saplings within the campus. It has been noted that most of the waste generated in our waste is recyclable. The major waste inside campus is food waste. Food waste can be recycled using composting methods or food wastes can be utilised for bio gas energy production using a bio-gas plant. Paper waste and metal waste can be sold for recycling firms.

58% of food waste can be recycled inside campus using composting by constructing composting pits inside college. Manure taken from composting pits can be used for maintaining the trees inside the campus. The results indicate a need to reduce our plastic usage. Plastic with thickness more than 20 microns can't be recycled. Our campus should impose a ban on plastic bags to contain our daily plastic wastage. Educational Institutions can have tie-ups with recycling firms and NGOs which recycle tetra packs, tea packs and plastics to create a zero waste campus.

PHOTOS OF WASTE AUDIT















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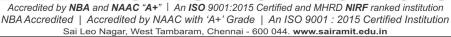
HYGIENIC FOOD

Canteen in the college provides delicious food at nominal rates. In the canteen all the workers wear appropriate aprons and gloves with a view to serve the food in the most hygienic way. The college also has its own perennial water resource with RO purifier to cater to the purified water to the whole campus. Gas stoves and gas cylinders are checked periodically. Chimneys are available in hostel kitchen, which release the exhaust air below the permitted level. The college has an excellent housekeeping system and so the cooking and dining areas are maintained neatly.

CAMPUS GREENARY

A GREEN CAMPUS is a place where environmentally responsible practice and education go hand in hand and where environmentally responsible tenets are borne out by example. A "GREEN CAMPUS" is a higher education community with optimum land use, environmental planning, and resource management, i.e., improving energy efficiency, conserving resources, enhancing environmental quality including habitat preservation,







healthy living environment, use of renewable energy and management of wastes, water recycling, etc.

Campus greening is often the first step universities take towards sustainability. However, the diffusion of sustainability reporting methodologies and rankings is still at an early stage, and is biased in mainly measuring energy efficiency indicators while omitting basic features enabling meaningful comparisons among centers or addressing social (users) aspects related to long term sustainability transitions

The key role of higher education institutions in the transition to a more sustainable society has been recognized and highlighted for almost three decades. In respect to the most pressing urban and planetary sustainability challenges, universities are identified as key hubs within cities for innovation and environmental education, representing a precious opportunity for enabling the necessary generational behavioral change toward taking on more sustainable attitudes in daily lives. To be credible in this guidance role, the university in premise has to behave responsibly and wisely in response to sustainability issues in the management of the energy and human resources of the campuses. A sustainable university has been defined as a higher educational institution that addresses, involves and promotes, on a regional or a global level, the minimization of negative environmental, economic, societal, and health effects generated in the use of their resources in order to fulfill its functions of teaching, research, outreach and partnership, and stewardship in ways to help society make the transition to sustainable lifestyles.

Activity Report - May 2020 to February 2021

1	May 2020	Activity Report was Proposed		
2	June 2020	ORGANIC FARMING Started in Kalam Garden		
3	July 2020	Segmentation of college campus into 09 zones(1.College inside		
		2. College front lawns 3. College backside 4. College pathways		
		5.Kalam garden 6. College Canteen 7. College Sports ground		
		8. College Kho Kho Court 9.College Mechanical Workshop)		
4	August 2020	Seed balls are made and stored in seed banks. The seeds that are		
		collected to prepare seed balls includes		
		1. Blueberry		





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		2. Greens seeds		
5	September 2020	Nursery beds are created and it includes		
		1.Papaya		
		2.Marigold		
6	October 2020	Organic vegetables were harvested. It includes brinjal, ladies		
		finger, snake guard, broad beans, pumkins.		
7	November 2020	One more unit was extended(within the Kalam Garden)		
8	December 2020	Second unit was extended in west side of College backyard, near the well.		
9	January 2021	Drip Irrigation for the trees in front of the college, college lawn and college canteen were undertaken.		
10	February 2021	Drip Irrigation for the trees in opposite to college stationary shops, college backside were undertaken.		
		shops, conege backside were undertaken.		

Challenges Faced

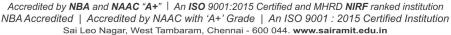
- 1. Insects ruined the yield of vegetables in Kalam garden.
- 2. Unwanted weeds were growing in the fields, nursery and it has to be cleared regularly to get high yield.
- 3. Drip irrigation reservice has to be done periodically.
- 4. Insufficient of manpower.
- 5. Insect, ants, bugs spoiled the leaves, vegetables, roots and flowers that reduced the overall yield.

Actions Implemented

Organic composites were used. It included fish acid, panjakaviya, neem cakes to lessen the insects.

- 1. **Actively used the manpower** that was arranged by our college.
- 2. **Periodically harvested the** organic vegetables and distributed to our college staffs.
- 3. Trees are Kawathed periodically.
- 4. **Drip irrigation were implemented in all zones** to save water even during full







lockdown in COVID 19 period.

5. We saved 95% oftress and plants with the help of Drip irrigation.

Activities done between MAY 2020 to FEB 2021

Sl.No.	Day	Activity Carried out
1.	World Environment Day(5 th June	Planted trees like Punai,
	2020)	Myllam inside the college
2.	National Pollution Control Day(2 nd December 2020)	Planted Ellupai trees

ORGANIC FARMING - Kalam Garden







Seed banks

Segmentation of college



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campus – canteen opposite





Nursery beds are created and it includes



Organic vegetables are harvested





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One more unit is extended(near Kalam Garden)

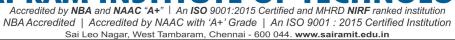




Second unit was extended in west side of SSIT backyard









Drip Irrigation for the trees in front of the college



World Environment Day(5th June 2020)





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National Pollution Control Day(2nd December 2020)







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Tree plantation movement on account of 5th year remembrance of Dr.Kalam, on 27thjuly 2020.



S.no	DATE	DAY CELEBRATED	EVENT CONDUCTED	
1	03/07/2020	NO PLASTIC DAY	Webinar on "World Without Plastics"	
2	11/07/2020	WORLD POPULATION DAY	Webinar on "Sustainable Development	
			Needs Sustainable Population"	
3	05/10/2020	WORLD HABITAT DAY	Webinar on "Sustainable Housing for All"	
4	19/11/2020	WORLD TOILET DAY	Webinar on "Step Towards Sustainable	
			Sanitation"	
5	02/12/2020	NATIONAL POLLUTION	Webinar on "Pollution Control and Climate	
		CONTROL DAY	Change"	
6	05/12/2020	WORLD SOIL DAY	Webinar on "Protect Soil Biodiversity"	
7	22/03/2020	WORLD WATER DAY	Webinar on "Integrated Water Resource	
			Management"	

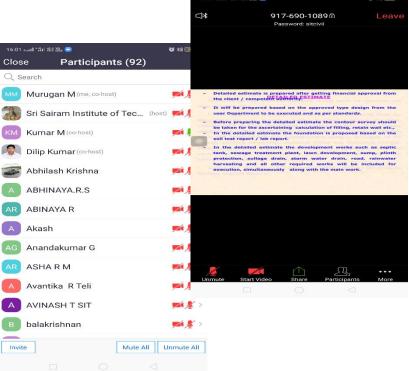
WEBINAR ON "WORLD WITHOUT PLASTICS"



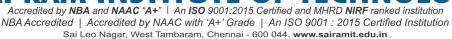


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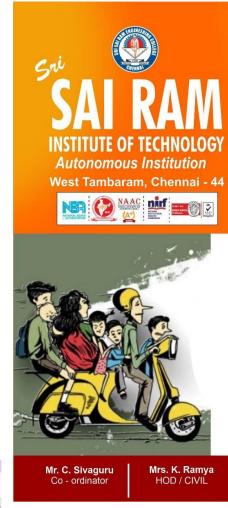


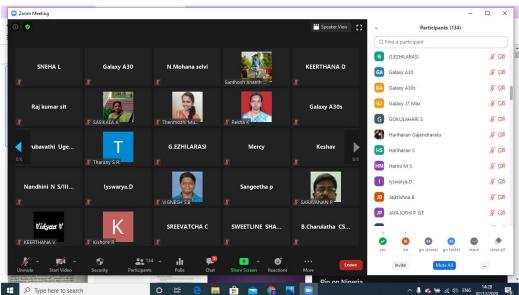






WEBINAR ON "SUSTAINABLE DEVELOPMENT NEEDS – SUSTAINABLE POPULATION"





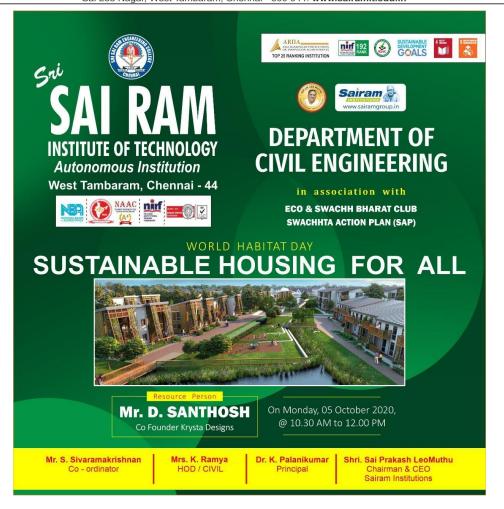
WEBINAR ON

"SUSTAINABLE HOUSING FOR ALL"



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WEBINAR ON "STEP TOWARDS SUSTAINABLE SANITATION"



NAAC

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ECO & SWACHH BHARAT CLUB SWACHHTA ACTION PLAN (SAP) WORLD TOILET DAY



Webinar on **STEPS TOWARDS** SUSTAINABLE **SANITATION**

Expert Talk by Dr. B. Mohan Professor, Department of Mechanical Engineering, CEG Campus, Anna University, Chennai.

on 20th Nov 2020 @ 10.00 AM to 11.30 AM

Mr. C. Sivaguru Coordinator

Mrs. K. Ramya HOD / CIVIL

Dr. K. Palanikumar Principal

Shri. Sai Prakash LeoMuthu Chairman & CEO Sairam Institutions



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WEBINAR ON "POLLUTION CONTROL AND CLIMATE CHANGE"



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ECO & SWACHH BHARAT CLUB SWACHHTA ACTION PLAN (SAP)

NATIONAL POLLUTION CONTROL DAY



Webinar on

POLLUTION CONTROL AND CLIMATE **CHANGE**

ZOOM Meeting: https://sairaminstitutions.zoom.us/j/9176901089?pwd=VFpQVkZGUllnSVVkcUhtSXdXMW9nZz09

Meeting ID: 917 690 1089 Passcode: sairam

Expert Talk Mr. G. SUNDARRAJAN,

Member, Poovulagin Nanbargal.

on 02 Dec 2020 @ 02.00 PM to 03.00 PM

Mr. Sivaguru C Mr. Dilipkumar G Coordinators

Mrs. K. Ramya HOD / CIVIL

Dr. K. Palanikumar Principal

Shri. Sai Prakash LeoMuthu Chairman & CEO Sairam Institutions



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WEBINAR ON "PROTECT SOIL BIODIVERSITY"



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Webinar on

PROTECT SOIL **BIODIVERSITY**

GOOGLE Meet - meet.google.com/rwq-jwfq-jah

Expert Talk by

Dr. S. MANIMEGALAI

Assistant Professor & Head. Department of Civil Engineering, University VOC College of Engineering, Thoothukudi - 628008.

on 05 Dec 2020 @ 02.00 PM to 03.00 PM

Mr. S. Sivarama Krishnan Coordinators

Mrs. K. Ramya HOD / CIVIL

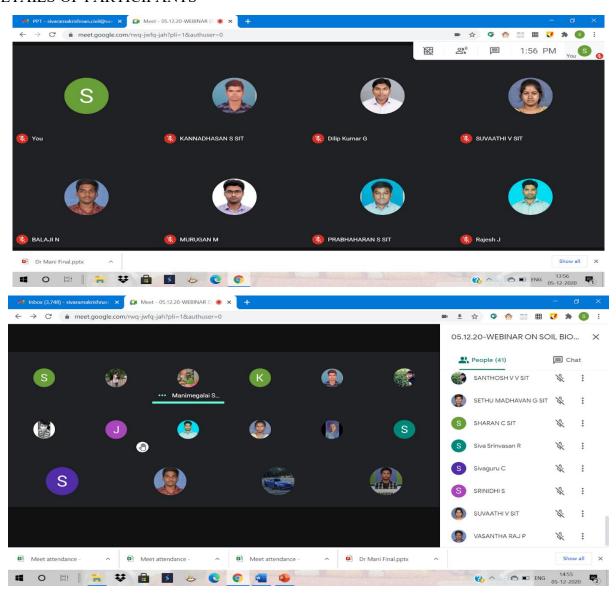
Dr. K. Palanikumar Principal

Shri. Sai Prakash LeoMuthu Chairman & CEO Sairam Institutions



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DETAILS OF PARTICIPANTS





NAAC
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WEBINAR ON "INTEGRATED WATER RESOURCES MANAGEMENT"

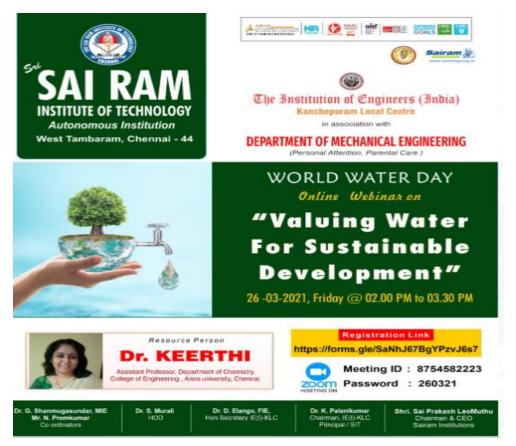






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UPCOMING WEBINAR FOR WORLD WATER DAY



Serene atmosphere is maintained in the campus with modern amenities to create a good environment for the faculty and the students. In order to maintain this the institution has planted varieties of plants in and around the campus green. Each and every tree has a name board with botanical names. Students have continuously planted many trees on special occasions.



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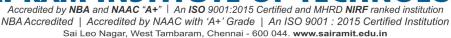


ENERGY MANAGEMENT

Energy Management Systems (EMS) have become popular as a way to improve energy efficiency, maximize return and minimize environmental impacts by eliminating waste through building and process optimization. However, there are a number of challenges that need to be overcome when implementing such systems in order for the most benefit to be realized.

By installing an EMS, building and facility managers are able to see the electricity, water and gas usage of an entire building from one simple and easy to understand portal. Data gathered in this portal provides them with the information required to make informed decisions on how to eliminate unnecessary waste and schedule events during off peak times to maximize efficiency.







Activity Report – May 2020 to February 2021

1	May 2020	Conducted Webinar on "An Introduction to E-Mobility on		
		16.05.2020		
2	June 2020	NIL		
3	July 2020	NIL		
4	August 2020	NIL		
5	September 2020	Action Plan Preparation- Energy Conservation		
6	October 2020	Study of Energy Consumption Status in our campus		
7	November 2020	Conducted webinar on "Wind Energy Assessment and		
		Challenges – 10.11.2020		
8	December 2020	Organized Next Gen Saviours on 14.12.2020		
9	January 2021	Implementation of energy efficient methods in our campus		
10	February 2021	Conducted webinar on "Distributed Generation and Power		
		Quality – 20.02.2021		

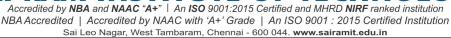
Challenges Faced

- 1. It is difficult to collect reliable data efficiently
- 2. Energy is wasted unknowingly in operations
- 3. Product Development and Innovation

Actions Implemented

- 1. **Actively manage real-time energy use**-Education is key to the behavioral process, and empowering occupants with knowledge and resources will help increase energy savings as they can realize the impact through efficiency or financial gain.
- 2. **Actively manage energy consumption-** Use collected data to build a strategy that manages costs and consumption on a daily, weekly, monthly, and annual basis







3. **Establish an occupant behavioral awareness program-** Education is key to the behavioral process, and empowering occupants with knowledge and resources will help increase energy savings as they can realize the impact through efficiency or financial gain.

Activities done between MAY 2020 to FEB 2021

Calculate the percentage of annual lighting power requirements met through

LED bulbs

Total Lighting	Percentage Lighting through LED	Percentage Lighting	
requirements	bulbs	through other sources	
30134 Watts	7734 Watts (25.67%)	22400Watts (74.33%)	

Power requirement met by Renewable Energy Sources

Power			Renewable energy	Energy supplied
requirement met	Total power	Renewable	generated and	to the grid
by renewable	requirement	energy source	used	
energy sources				
64800 Kw	388692 kW	Solar	64800 kW	Nil



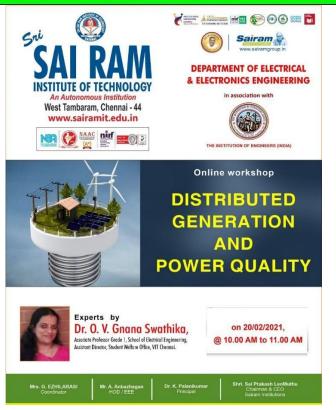




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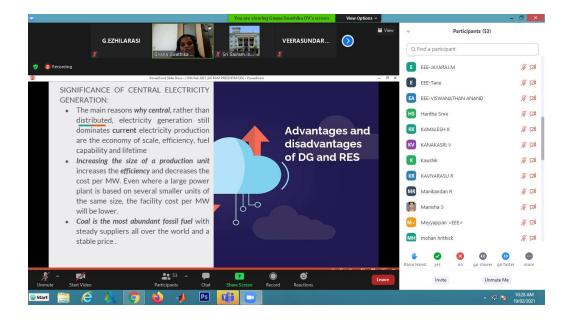








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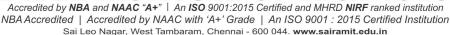
SOLAR POWER

The students with their innovative ideas have installed 50 grid connected solar panels with 50Kw power on the terrace of the college building to renewable energy source. As per the rules of the government, the college has also made provision for rainwater harvesting in many place inside the campus.

ADOPTED VILLAGES

The college has adopted Ettaiyapuram, Dharkast, RajagopalKandigai, Erumaiyur and Pazhanthandalam villages in its surroundings. Initially the students met around 300 people in the above mentioned adopted villages and conducted a survey to know about the facilities in their homes. The students actively involved themselves and cleaned the places. They also created awareness among the people on cleanliness.







Also a campaign was conducted to explain the importance of toilets and its uses.

Besides a rally was also conducted in the adopted village by the students. In addition the students also planted many saplings with a view to create a better understanding about the importance of trees in these areas. Hence it was an eye opener for many people of the adopted villages. The people also promised to have a hygienic life by using toilet system and they also accepted top their village clean and green.



REJUVENATION OF POND

The largest curling pond with 125'*75' is located at Revenue Village No: 79, Pazhanthandalam Panchayat Premises, Kundrathur Union, Kancheepuram District. This pond is deposited with large amount of sand, shrubs and plant vines and so it is not utilized by the people for a long time. In this regard, NSS students of Sri Sai Ram Institute of Technology, Tambaram have done the restoration work by clearing all the unwanted deposits. At Present, through their (students) hard work and untiring efforts, the pond is well renovated and restored back to its original form.



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Automatic rain gauge installation and inauguration on 12.11.2020 in association with the department of Meteorology.







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DISPERSING TRENCH

The sewage treatment in Our campus is done by means of Biological method which consists of a Vermi filtration unit. The sewage solids will be treated along with the sullage in the Vermi filtration unit under biological process. The supernatant effluent which is already treated by means of Biologically activated microbes in the Verm filtration unit and so the inert supernatant is drained by natural methods by use of Dispersion trenches Dispersion trenches can be used in all the porous soils where percolation rate is below 25 minutes per cm and the depth of water table is 180 cm or more from the ground level. The dispersion is done by means of pipes with perforations such that the pipes are not clogged with the effluent or the soil from the pit which the pipe is placed. The percolation pit is then dug up to a depth with a slope of 1:2. The trench is filled with stones such that the pipe does not sink into the soil when in operation.

PHOTOS OF MAKING AND LAYING DISPERSION TRENCH





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Auented a One day Orientation workshop at AICIE Auditorium on 25th April 2018 in New Delhi and it was launched by Minister of State HRD Dr.Satya Pal Singh.

Our college has adopted five villages (Palanthandalam, Erumaiyur, RajagopalKandigai, Dharkast and Ettiyapuram) under this programme. The main purpose of adopting villages near the institution is to upgrade the people of this village. More than 50 students of our college visited these villages and conducted a survey on 21st July 2018.



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Attended a meeting with the District Collector for the development process of the villages on 8th January 2019 in Collector's Champer, Kanchipuram



In collaboration with Central Bank of India, UBA conducted an oratorical competition on "Innovative Ideas for Cleanliness" to the students on 31st January 2019 in our campus. The purpose of this competition is to collect the innovative ideas from the students to implement their concepts to the villages.



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Our beloved CEO sir and chairman madam Donated 500 bags of provision for those who all in the need and lost there loved ones in covid.





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Sairam institution also respects and honours the people who helps us in keeping our environmental clean .We also thank cooperation works for there continuously work in keeping our environment clean.



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We also salute our doctors and nurses with out them there would not have been this life for every one . our students are distributing the mask in public health centers .





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Helping in the hospitals to maintain the social distance





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Distributing mask in the bus stops, hospitals and post office





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Creating awareness in public area



