

GREEN CAMPUS, ENVIRONMENT & ENERGY POLICY (Strategies & Initiatives)

Preamble

A Green Campus is a place where environment-friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of mankind.

Bharath Institute of Higher Education and Research (BIHER) endeavours to promote community welfare, environmental protection and efficient energy use to a level of performance that moves “beyond compliance”. Striving to set a benchmark on a National and International level for education, healthcare, environment and energy management, BIHER is committed to cleaner and greener campuses. To realize this vision, the University commits to:

- Institutionalize best practices, comply with applicable laws, regulations, and other recognized requirements related to environment and energy use and where practicable exceed them.
- Preventing pollution by continually monitoring and improving its environmental and energy performance by provision of resources to achieve set objectives and targets.
- Establish and maintain management systems to improve energy performance and to minimize harmful effects on environment, human health and safety.
- Promote use of clean, safe and energy efficient technologies in order to utilize natural resources efficiently.
- Encourage transparency and communication of its commitment to sustainable development, simultaneously increasing awareness amongst its stakeholders as well as the community at large.
- Foster education, research and information exchange on energy and environmental development to move toward global sustainability.

Statement of the Policy

This Environmental and Energy Policy shall be binding on Bharath Institute of Higher Education and Research (BIHER), which includes all constituent institutes and all other functional units performing secondary or tertiary functions under Bharath Institute of Higher Education and Research (BIHER). The policy is to include environment conservation in decision making at all levels by stakeholders and to ensure awareness among all about conservation environment and natural resources. It is the policy to encourage projects and initiatives on plantation, landscape and ecosystem restoration, soil and water conservation, water quality maintenance, waste management, clean energy resources and climate change mitigation. It will help us to increase efficiency and spread environmental awareness into our every-day activities, thus helping us in realizing the expectations of the stakeholders and society.

The Policy aims at suitable adoption of AICTE Environment policy.

This policy is to conserve natural environment, develop sustainable solutions, innovations and startups, promote rural technologies and control energy consumption in order:

- To build awareness among students about conservation of natural resources and development of sustainable environments for national prosperity.
- To facilitate development of technologies in rural India for inclusive growth.
- To adopt fair, ethical and environment-friendly approach, this incorporates everything from implementation to training of students through institutions.
- To evolve futuristic technologies and develop engineering designs that could be pivotal for the sustainable utilization of the augmented natural resources.
- To help building up a society that has conservation-oriented attitude and exists in harmony with nature.

Policy Objectives

To give impetus to Go-Green initiatives, more clarity and authenticity, BIHER rolls out this policy document spelling out the strategies, plans to make this program functional officially. We believe that greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. The administration of the Institute believes that

Everyone has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Every individual of BIHER Campus will work, may he/she be a student, faculty and support staff to foster a culture of self-sustainability and make the entire campus environment friendly. The green campus initiatives enable the institution to develop the campus as a living laboratory for innovation.

The different objectives of the policy are:

- To protect and conserve ecological systems and resources within the campus.
- To ensure judicious & sustainable use of environmental resources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- To educate and engage students and employees on environmental concerns and sustainability
- To recognize and appreciate the efforts of students and institutions towards environment conservation and sustainable development
- To promote innovation and startup for sustainable development
- To take into account environment, occupational health and safety aspects in planning and decision-making.
- To encourage rural development programs and provide rural India with professional resource support.
- To develop collaborations with key government flagship programs and foster collaborations between governance, knowledge institutions and local communities.
- To encourage projects and initiatives on plantation, landscape and ecosystem restoration, soil and water conservation, water quality maintenance, waste management, clean energy resources and climate change mitigation.
- To help and encourage the institutes to adopt working styles and evolve R&D programs that could turn them into carbon negative.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve our contribution to climate protection and adaptation to climate change and to the conservation of global resources.

- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To minimize the use of paper in administration through having policy for e-governance.
- To maintain a pollution free campus.
- To conduct environmental and energy audits from time to time.
- To include environmental policy in all related activities.

It is understood that ecological sustainability is a key component of its social responsibility and therefore, strives to make an impact on environment conservation by inspiring environment-friendly, professional and safe operations in students of institutions. This includes conserving scarce resources such as raw materials, energy and water, as well as avoiding and reducing CO₂ emissions and waste. BIHER has adopted a fair, ethical and environment-friendly approach that incorporates everything from the production to management and training of students in institutions.

Scope of the Policy

BIHER works within the framework of this policy and considers the environment as a 'living' entity that we sustain and protect even as we go about our daily activities. This policy will develop exciting practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the standpoints of energy efficiency, sustainability and the environment protection.

1. Inclusion of the Environmental Policy in institutional policies and strategies.
2. All the activities and initiatives undertaken under environment policy are to be incorporated in the Annual Report and ensure effective publication of the same.

Inclusion in Curriculum

1. Curriculum to include subjects that enhance Environment Management and Conservation awareness and knowledge.
2. Student Induction Program to include awareness on Environment and activities like visit to nearby villages.
3. Approved courses to include engineering in Environment, marine, water technologies, carbon engineering etc. that can help develop technologies for

enhancing or safeguarding the environment.

4. Facilitate development of research areas such as drinking water, agricultural and rural industries etc. which have development aspect.
5. Activity points to be made a part of Curriculum.

It includes the following:

- a. Prepare and implement plan to create local job opportunities
- b. Prepare and implement plan to improve education quality in village.
- c. Developing Sustainable Water Management system.
- d. Prepare and improve a plan to improve health parameters of villagers.
- e. Developing and implementing of Low-Cost Sanitation facilities.
- f. Prepare and implement plan to promote Local Tourism through Innovative Approaches.
- g. Implement/Develop Technology solutions which will improve quality of life.
- h. Prepare and implement solution for energy conservation.
- i. Prepare and implement plans to inculcate skill in village youth.
- j. Prepare and implement plan of sustainable growth of village.
- k. Setting of Information imparting club for women leading to contribution in social and economic issues.
- l. Developing and managing efficient garbage disposable system.
- m. Contribution to any national level initiative of Government of India. For example. Digital India/ Skill India/ Swachh Bharat Internship etc.
- n. Inclusion of Universal Human Values as a credit course which include Harmony with Nature, about environmental conservation and sustainable development.

Environmental Awards

1. Awards for Rural development initiatives, environment development initiatives, sustainable development initiatives etc.
2. Institutional awards of clean and green campus.
3. Encourage and award innovations and startups that are based on environmental issues, rural development, and sustainable solutions.
4. Promote and initiate other awards for enhancing awareness and implementation of environment management and Sustainable Development.

Focus Areas of this Policy are:

- Go Green Policy
- Clean & Green Campus Initiatives
 - Landscaping Initiatives
 - Clean Air Initiatives
 - Tobacco free & No Smoking Campus
 - Reducing Vehicular Emissions
 - Minimizing the use of diesel generators
 - Plastic Free Campus
- Environment and Energy Usage Principles
- Save Energy Initiatives
 - Alternative Energy Systems
 - Energy Efficiency Equipment
 - Adopting conservative austerity measures
- Water Conservation Measures & Rainwater Harvesting System
- Waste Management
 - Solid Waste Management
 - Liquid Waste Management
 - Biomedical Waste management
 - E-Waste Management
- Green, Energy & Environmental Audit
- Awareness Initiatives

Policy reference points

1. United Nations Sustainable Development Goals 2030 to remain as thrust areas with special focus on Clean Water and Sanitation, Quality Education, Affordable and Clean Energy, Sustainable Cities and Communities, Climate Action, Life Below Water and Life on Land.
2. Environment conservation, rural development, sustainable development etc. to become a part of all policies of BIHER
3. Ensuring Rainwater Harvesting within their premises, provide Waste Management and environment improvement measures to ensure a sustainable Green Campus, strive to have a plastic free environment, Installation of grid connected solar rooftops/ Power Systems, wherever feasible.

4. Suitably implement Unnat Bharat Abhiyan. Under the Unnat Bharat Abhiyan, the objective is to build institutional capacity in institutes of Higher Education in research and training, relevant to national needs, especially those of rural India, which includes inter alia the following objectives:
 - a. Encourage to engage with problems of rural India and to provide solutions for them.
 - b. Develop an academic framework for working on societal problems, their solution, delivery, reporting and assessment.
 - c. Re-visit where necessary the curriculum to incorporate inclusive technologies for rural India.
 - d. Promote inter-disciplinary approach in education guided by live contexts.
 - e. Develop over time, research areas which have developmental significance, such as drinking water, education, health, agricultural practices, electrification, agricultural and rural industries cooking energy, watershed analysis.
 - f. Develop collaborations of academic institutions with key government flagship programs and develop formal course-ware for supporting the knowledge needs for the same.
 - g. Promote networking and coordination among various science and technology based voluntary organizations and developmental agencies.
 - h. Foster collaborations between governance, knowledge institutions and local communities.
 - i. Provide rural India with professional resource support in the field of science, engineering and technology, and management. To identify the basic developmental and productive needs of a village and find ways and means to meet these needs.
 - j. Strengthen the technical design of interventions in key sectoral areas of natural resource management such as water and soil, economic activities such as agriculture and related production, or related to crafts and artisans,

- k. Identifying efficient, cost effective and sustainable development practices in these fields. Helping grassroots organizations in innovating new products, and support rural entrepreneurs to develop neighborhood solutions.
5. Empower communities to engage with BIHER in order to evolve technically sound and locally feasible development strategies that promote self- reliance Apply for funding schemes for activities such as Unnat Bharat Abhiyan, Jal Shakti Abhiyan etc. to encourage the environmental initiatives
6. Promote schemes by MHRD on environment in institutions such as one student, one tree etc.
7. Encourage internal policies such as making premises plastic free, replacing mementoes with plants, building applications on environmental conservation, sustainable development etc.
8. Facilitate recognition and protection of rights of owners of traditional knowledge and intellectual property, while promoting research
9. Promote collaboration and networking among various Science and Technology organizations, Educational Institutions and Manufacturing organizations/ Development Agencies, with focused discussions on Environment Management.
10. Design technical interventions for natural resource management and economic activities like agriculture and related activities, infrastructure like housing, roads, energy, which affect the environment

- a. Facilitate convergence of development schemes, resources, various planning and implementation initiatives, and coordination of agencies for successful interventions and measurable outcomes.

Go- Green Policy

The efforts for a successful Clean & Green Campus must begin at the top and emanate throughout the rest of the campus. In view of this, the university will plan and execute to:

1. Seek views of all the Stakeholders to make the Go Green Campus initiatives functional throughout the year.
2. Conduct the Campus environmental impacts to identify the targets for improvements.
3. Establish a Green Campus Environmental Ethic Awareness campaigns.
4. Set forth a Green Campus Mission and a Statement of Principles.
5. Link Green-Campus activities to Academics in the Institute.
6. Organize Awareness Programs for the students, faculty and society.
7. Develop a strategic plan and create student teams to carry out specific tasks of the strategic plan.
8. Phase out the CFL and conventional light source such as bulbs and tube lights, halogen and mercury street/campus lights and get them replaced by the LEDs.
9. Conduct an Annual Green, Environment and Energy Audits.
10. Purchase only Energy Efficient IT systems.
11. Evaluate the operations in terms of pollution prevention, waste stream management, and energy efficiency reducing, reusing, recycling, and repairing wherever possible.
12. Secure a commitment up front from the people in charge that well-founded recommendations will be acted upon once audits are completed.

Clean & Green Campus Initiatives

BIHER had pledged to actively coordinate cleanliness activities in the university and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It commits to continue with this Programme. BIHER makes all the necessary efforts to involve the students, faculty and staff in “GreenCampus Initiatives” by designating the volunteers from the Student Clubs, NSS & NCC cadets etc.

The broad vision is as follows:

1. Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
2. Activities under ‘Swachh Bharat Abhiyan’ will be a key component of all the community work being done by NSS, NCC and Green volunteers of the university.
3. Staff Members will be encouraged to participate in the cleanliness drive in the university campus.
4. Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, and skits on ‘Swachh Bharat’ will be organised.
5. Rallies on themes connected with ‘Swachh Bharat Abhiyan’ in and around the university campus will be conducted to create mass awareness.
6. Remove all kinds of waste material like broken furniture, unusable equipment etc.
7. Administer of the pledge by students and staff members to maintain

cleanliness of the university campus and its surrounding areas on an annual basis.

8. Conduct workshops on the 3Rs: Reduce, reusing and recycling of waste.
9. Commit to manage waste and maintain clean campus especially during university events.

Other initiatives include:

- ISO Certification 14001:2015
- Installation of Solar Power Station
- Wastewater Management/ Rainwater harvesting
- Development of Sewage Water Treatment Plant
- Sensor based energy conservation
- Displayed poster on E-waste Management
- Maintenance of water bodies and distribution system in the campus
- MIS to make paperless administration
- Plastic free Campus
- Tree Plantation Drive
- Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Green, Environment and Energy Audit conducted annually
- Restricted entry of automobiles
- Development of Pedestrian friendly Pathways
- Observation of No Vehicle Day, World Environment Day, Earth Day, No Smoke Day etc.

Landscaping Initiatives

The campus landscape, like its buildings, can be seen as the physical embodiment of a university's values. It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Green campus landscapes also manage runoff, help recharge groundwater, and clean and cool the air on campus. The landscape serves as a visual representation of the campus community's commitment to sustainability. As campus landscapes are so visible and

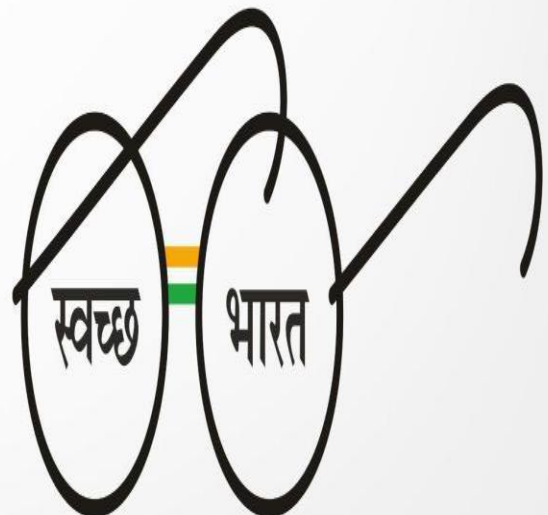
Bhaarath Medical College and Hospital

GREEN AND ENVIRONMENTAL AUDIT





Swachhta Hi Sewa Hai
Swachh Bharat



एक कदम स्वच्छता की ओर

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Introduction

Bharath medical college and hospital aims at providing an eco-friendly and sustainable environment, in this regard the initiatives taken to attain the same was an questionnaire based audit was undertaken by the stakeholders and also initiatives were taken to conduct workshops and to adapt to the government initiatives of **Swachh Bharat Abhiyan** and '**Green Campus And Clean Campus Mission**' established by the university grants commission .

Goal of environmental audit:

- Identification and documentation of green practices followed in the institution.
- Identify strength and weakness in green practices.
- Conduct a survey to know the ground reality about green practices
- Analyze and suggest solutions for problems identified from surveys.
- Identify and assess environmental risk.
- The long term goal of the environmental audit program is to collect baseline data of environmental parameters and resolve environmental issues before they get complex.
- To motivate staff for optimized sustainable use of available resources

Initiatives taken to Establish Green Environment

1. Swachh Bharath Abiiyan activity inside the campus
2. Awarding all faculty with a medicinal tree pot on doctors day
3. Conducting bicycle rally
4. Conduction sparrow conservative workshop
5. Ground level questioner auditing on green campus establishment
6. Pollution free environment certificate
7. Implementation of biomedical waste management
8. Implementation of e waste, solid waste, and general waste management appropriately

Advantages of Conducting the Green and Environment Audit to the Institute

- It would help to protect the environment in and around the campus.
- Empower the organization to frame a better environmental performance.
- It portrays a good image of the institution through its clean and green campus.
- To create pollution free campus and evolve health consciousness among the stakeholder
- Point out the prevailing and forthcoming complications
- Benchmarking for environmental protection initiatives
- Development of ownership, personal and social responsibility for the institution and its environment
- Developing an environmental ethic and value systems in youngsters.
- Green auditing should become a valuable tool in the management and monitoring of environmental and sustainable development programs of the institute.
- Finally, it will help to build a positive impression for through green initiatives the upcoming accreditation process.

Annexure 1

Swachh Bharath Abhiyan activity inside the campus





Annexure 2

Awarding faculty with a medicinal tree pot on Faculty development Programmes



Annexure 3

Detailed Report on Environmental Awareness-Bicycle Rally

Activities conducted in the Program

- Bicycle rally for a distance of about 10 kms.
- Awareness quotes on benefits of cycling using placards.
- Sensitisation to the general public through media coverage.

A bicycle rally event was organised by the Department of Physiology in association with 1(TN) MED.UNIT NCC, on the occasion of World Bicycle Day observed on 3rd June 2022. The bicycle rally event had 80 participants including the students, faculty and non-teaching staff. The rally was headed by our Dean, Dr. Arunachala Edukondalu and his participation in the rally was a source of motivation and enthusiasm to the students. The cycle rally was flagged off at 07.00 AM from Bhaarath Medical College and Hospital, headed towards Santhoshpuram Police checkpoint and returned to the starting point covering a distance of about 10kms. The cyclists were provided with cycles, helmets for personal protection, T-shirts and refreshments. An ambulance accompanied the rally to provide emergency care. The police personnel of Selaiyur area extended their support and protection for the rally. The cyclists carried placards to create awareness among the public to adopt cycling in their daily lives for physical fitness and also to protect the environment. Our Dean and a student representative Ms. Benitta addressed the media about the rally and its importance. The event gained momentum among the public and the event was concluded by applauding the participants and organisers.

A bicycle rally event was organised by the Department of Physiology, Bhaarath Medical College and Hospital in association with 1(TN) MED.UNIT NCC, on the occasion of World Bicycle Day observed on 3rd June 2022. There were 80 participants who cycled for 10 kms from Bhaarath Medical College & Hospital till Santhoshpuram Police Checkpoint and returned back to the start point. The participants were provided with personal protective equipments and the rally was safe guarded by police personnel of Selaiyur area



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as DEEMED-TO-BE-UNIVERSITY s/s 3 of the UGC Act, 1956)



Bhaarath
MEDICAL COLLEGE AND HOSPITAL

Department of Physiology

in association with 1 (TN) MED.UNIT NCC

Cordially invites you for

Bicycle Rally
on
World Bicycle Day

Date : 3rd June, 2022 | Time : 07.00 TO 09.00 AM





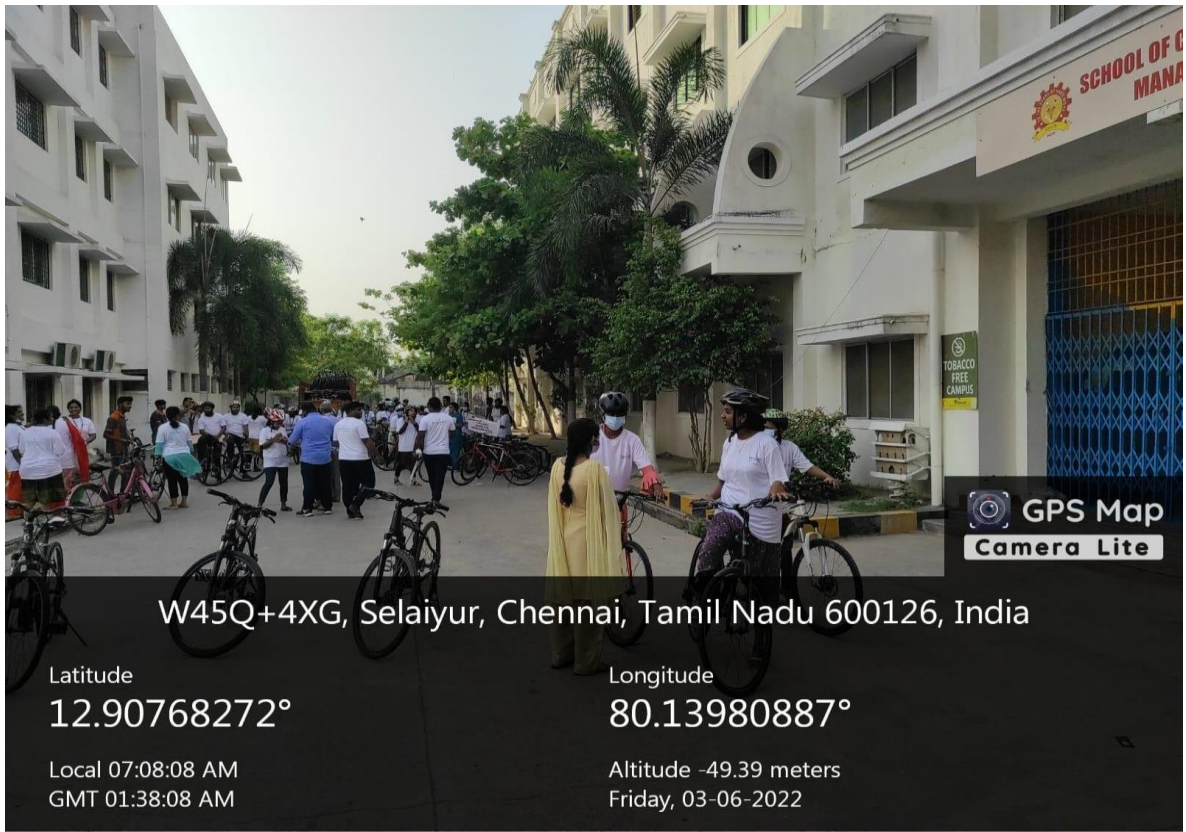
W45Q+9X8, Maruthi Ave 1st St, Selaiyur, Chennai, Tamil Nadu 600126, India

Latitude
12.90815316°

Longitude
80.13998486°

Local 07:18:54 AM
GMT 01:48:54 AM

Altitude -66.62 meters
Friday, 03-06-2022



W45Q+4XG, Selaiyur, Chennai, Tamil Nadu 600126, India

Latitude
12.90768272°

Longitude
80.13980887°

Local 07:08:08 AM
GMT 01:38:08 AM

Altitude -49.39 meters
Friday, 03-06-2022

Annexure 4

Awareness about Conservation of the Endangering Species of Sparrows

Activities conducted in the Program

- Awareness talk was given by Mr Ganesan, Koodugal Trust, on sparrow conservation
- Materials for building a nest was given and participants were taught to make a nest
- Talk on how to install the nest and methods to maintain was given
- A whatsapp group was created for the participants for update about the sparrows at their household and to follow up with the team in future
- MoU was signed by BMCH and Koodugal trust for the future programs to make this a continuous process

‘Spare the sparrows’ program was organised on a note of extending our support to build a sustainable environment by conserving the sparrows which are in the endangered species list. The program was organised on 04/06/2022 between 2.00pm – 4.00pm, at Bhaarath Medical College, Complex I, Lecture hall II. Awareness talk was given by Mr Ganesan, Koodugal Trust, on sparrow conservation with his experience and expertise. Followed by which materials for building the nest were given to the participants, and they were taught to make a nest. Once the nest was built a talk on how to install the nest and methods to maintain it, was explained. Furthermore, a whatsapp group was created for the participants to update about the sparrows at their household and to follow up with the team in the future. MoU was signed by Dean, BMCH and Koodugal Trust, for the future programs to make this a continuous process. Spare the sparrows’ program was organised on a note of a social responsibility of a college towards its environment. Awareness talk was given by Mr Ganesan, Koodugal Trust, on sparrow conservation, followed by which materials for building the nest were given to the participants, and they were taught how to make a nest. Once the nest was built a talk on how to install the nest and methods to maintain it, was explained. Furthermore, a whatsapp group was created for the participants to update about the sparrows in their household and to follow up with the team in the future. MoU was signed by Dean, BMCH and Koodugal Trust, for the future programs to make this a continuous process.



Bhaarith
Medical College & Hospital
(A constituent college of BIHER)
(Declared as Deemed-to-be-University vide 3 of the UGC Act, 1956, Accredited with NAAC 'A' Grade)
173, Agaram Main Road, Selaiyur, Chennai 600073.

DEPARTMENT OF COMMUNITY MEDICINE

Cordially invites you for the workshop on



in association with
KODUGAL TRUST

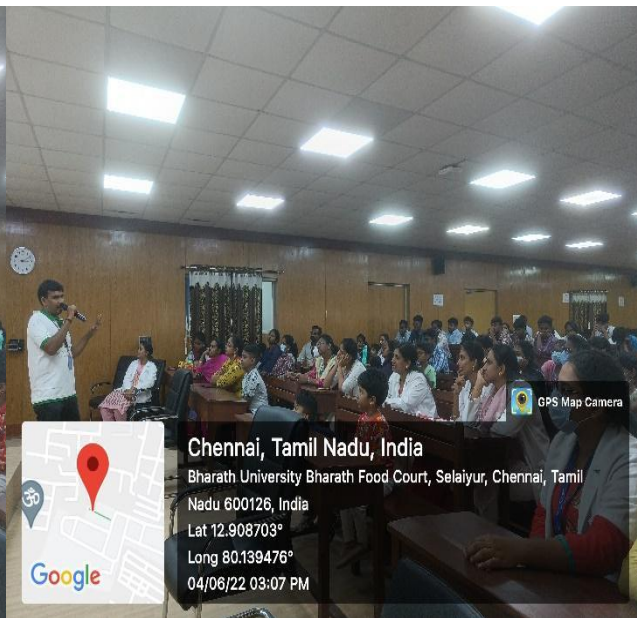
Date: 04th June 2022, Saturday | **Time:** 02:00 pm - 04:00 pm | **Venue:** Lecture Hall-II, 2nd Floor, Medical College Complex -1

PROGRAM SCHEDULE

TIME	EVENTS
02:00 pm - 02:05 pm	WELCOME ADDRESS
02:05 pm - 02:15 pm	KEYNOTE ADDRESS
02:15 pm - 02:45 pm	AWARENESS ON SPARROW CONSERVATION BY KODUGAL TEAM
02:45 pm - 02:50 pm	MOU SIGNING CEREMONY
02:50 pm - 03:00 pm	HIGH TEA
03:00 pm - 03:50 pm	HANDS ON WORKSHOP
03:50 pm	VOTE OF THANKS

Organizing secretary
Dr Sharath U
Department of Community Medicine

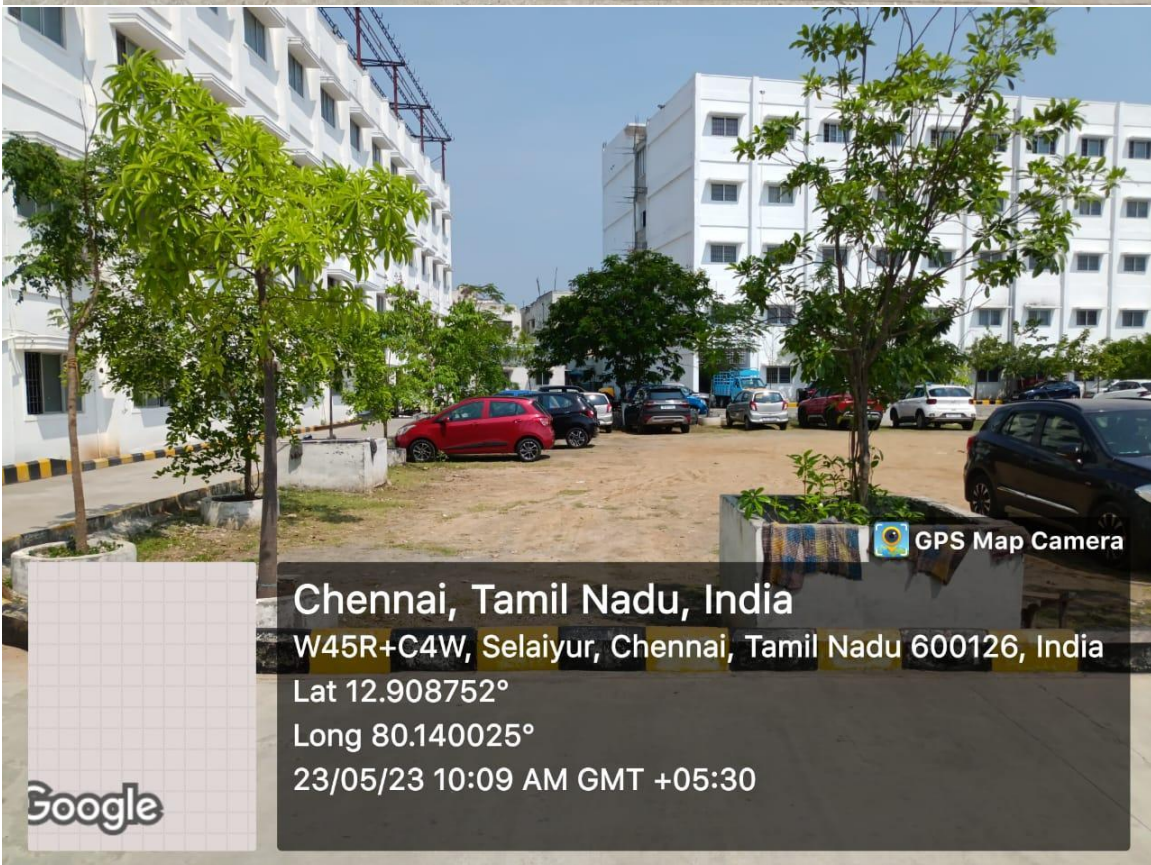






Annexure 5

Ground Level Questioner Auditing on Green Campus Establishment – Evidence of Success of Green Campus Establishment





GPS Map Camera



Chennai, Tamil Nadu, India

W45R+C4W, Selaiyur, Chennai, Tamil Nadu 600126, India

Lat 12.908752°

Long 80.140025°

23/05/23 10:15 AM GMT +05:30



GPS Map Camera



Chennai, Tamil Nadu, India

W45R+C4W, Selaiyur, Chennai, Tamil Nadu 600126, India

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Long 80.140025°

23/05/23 10:15 AM GMT +05:30



Google

Chennai, Tamil Nadu, India

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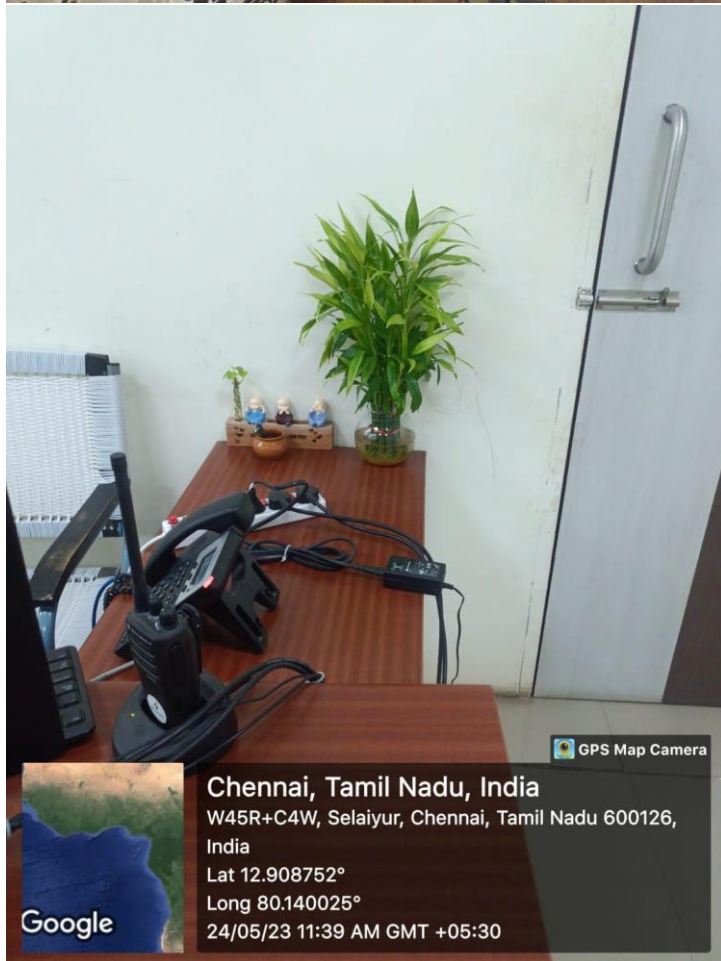
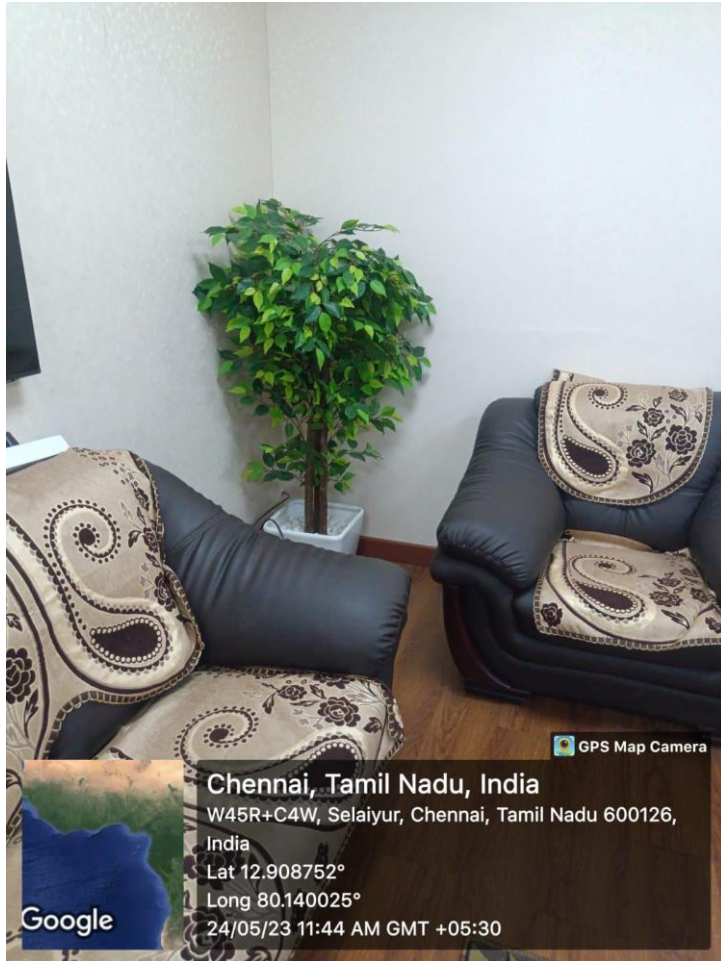
Chennai, Tamil Nadu, India

W45R+C4W, Selaiyur, Chennai, Tamil Nadu 600126, India

Lat 12.908752°

Long 80.140025°

24/05/23 11:44 AM GMT +05:30





Annexure 6

Pollution free environment certificate

7

CONSENT ORDER NO. 176811262578 DATED: 03/1/2017.

PROCEEDINGS NO.F.0227MMN/OL/DEE/TNPCBMMN/2017 DATED: 03/1/2017

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT - M/s. BHARATH UNIVERSITY, S. P. O. S. N. O. - 3002,3005,3036,3044,3046,3021C,3003ID,3002C,3092,3095,3091,3094,3095,3051G,3047,3101,3002B,3051,3014,3043,3045,3047,3102,3021A,3021A,3035,3141,3022,3019,3015,3014,3014B,3012,3011,3031A,3010E,3001F,3042,3041,3031,3157,5,3154B,2A,4D,3156,6,3,1,0,3154C,3154A,3157B,3154E, SELLAIYUR Village, Tenbaram Taluk, Kancheepuram District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) - Issue-Reg.

REF: 1.CTO Proc.No. F.0227MMN/OL/DEE/TNPCBMMN/WAA/2015 dated 20/10/2015.
 2.User's application for RCO through OCMMS vide Appl.No. 11267578 dated 31/10/2017.
 3.IR.No. F.0227MMN/OL/ADM/MN/2017 dated 03/1/2017.

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Managing Director
 M/s. BHARATH UNIVERSITY,
 S.P.No. S.NO. 3002,3005,3036,3044,3046,3021C,3003ID,3002C,3092,3095,3091,3094,3095,3051G,3047,3101,3002B,3051,3014,3043,3045,3047,3102,3021A,3021A,3035,3141,3022,3019,3015,3014,3014B,3012,3011,3031A,3010E,3001F,3042,3041,3031,3157,5,3154B,2A,4D,3156,6,3,1,0,3154C,3154A,3157B,3154E, SELLAIYUR Village, Tenbaram Taluk, Kancheepuram District.

Authorizing the acceptor to make discharge of sewage and Air trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2020

S. INDRAGANDEH Digitally signed by S. INDRAGANDEH
Date: 2017.01.03 10:57:00
UTC+5:30
 District Environmental Engineer,
 Tamil Nadu Pollution Control Board,
 MARAIMALAI NAGAR

TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products/operations as per (CMR 2) of the year 2011 as mentioned below. Any change in the product/process and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Educational Institution with built up area 40000 Sq.ft.	2500	Person's printing
By-Product Details			
1.	Nil	0	
Non-hazardous Product Details			
1.	Nil	0	

2. This renewal of consent is valid for operating the facility with the below mentioned details for the discharge of atmospheric effluent. Any change in the details and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in SLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage	50.0	On land by septic tank
Effluent Type : Trade Effluent			
1.	Nil	0.0	Not Applicable

TAMILNADU POLLUTION CONTROL BOARD

Additional Conditions:

- The user shall maintain the Air pollution Control measures such as which attached to the RCO. Any change has to be notified to the District Air Quality Division standards prescribed by the Board.
- The user shall maintain as develop green belt in and around the periphery of the unit.
- In case of revocation of consent by the Government, the user shall settle the difference in amount within one month from the date of notification, failing to meet the amount due, this consent order will be withdrawn without any notice and further action will be initiated against the user as per law.

S. INDRAGANDEH Digitally signed by S. INDRAGANDEH
Date: 2017.01.03 10:57:00
UTC+5:30
 District Environmental Engineer,
 Tamil Nadu Pollution Control Board,
 MARAIMALAI NAGAR

To:
 The Managing Director,
 BHARATH UNIVERSITY,
 LTD, ANURAM ROAD, SELLAIYUR, CHEMMAI,
 Pin: 600013

Copy to:
 1. The Government, TAMBA-RAM Municipality, Tenbaram Taluk, Kancheepuram District.
 2. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for review of kind information.
 3. Copy submitted to the RCE- Monitoring, Tamil Nadu Pollution Control Board, Chennai for review of kind information.
 4. File



TAMIL NADU POLLUTION CONTROL BOARD

OFFICE OF: DSS/ MMN

DOC TYPE:

OFFICE CODE:

CODE:

CASH RECEIPT NO.

Date: 26/9/22 150968

ACCOUNTS				S.L.			

Received from M/s - Sri Coashmi Annual Educational
Trust, (Selaiyur)

The sum of Rupees fourteen lacs twenty eight
thousand only

Cash / by D.D. / Banker's Cheque No. 347024 dated 26/9/22

Drawn on PNB Payable at Chennai

Towards Cess / EMD / SD / Consent Fee to Air / Water / Analysis fees / AAQS /

EM Test Fees / ETI / Other ETO - Direct - 2023 - 2025

Rs. 14,28,000/-

[Signature]
 District Environmental Engineer
 Tamil Nadu Pollution Control Board
 Chennai
 Chengalpattu District



'Lifestyle for the Environment' Pledge

Certificate

This is to certify that

Manjani Bhaarat Medical College And Hospital

has taken the 'Lifestyle for the Environment' Pledge and committed himself/herself to consciously participate in taking up environmental lifestyle and inculcate long-term environment-friendly habits.

6983923354



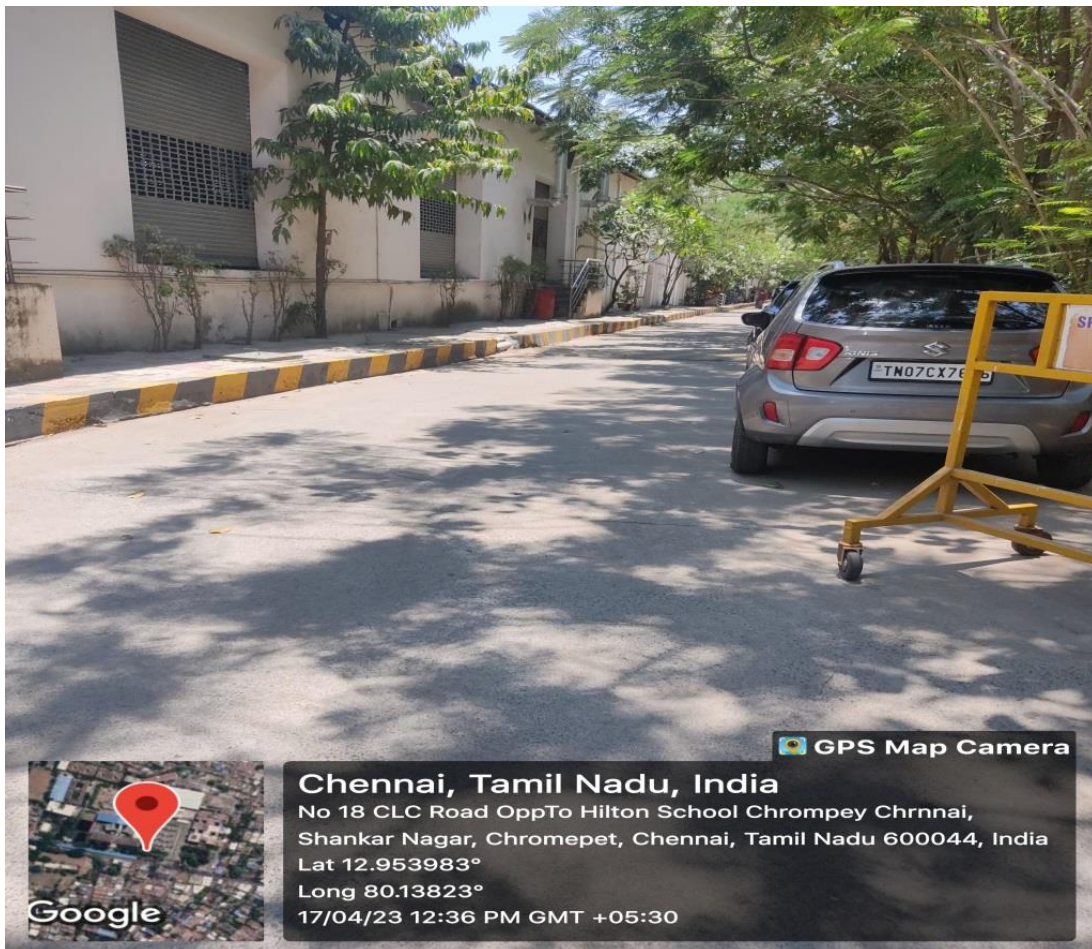
October, 20 2022



SREE BALAJI COLLEGE OF NURSING

7.1.6 CLEAN AND GREEN CAMPUS INITIATIVES

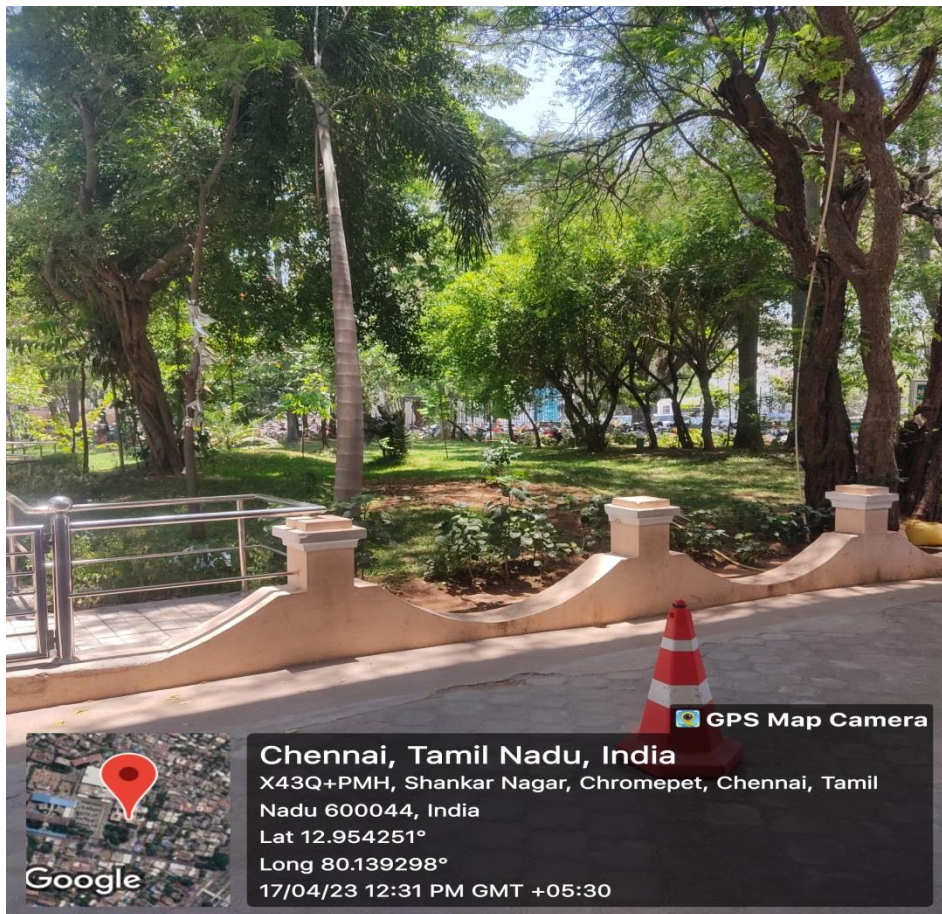
Sree Balaji College of Nursing college strives to preserve the college campus as a green environment since it's' inception. This eco-friendly campus had practiced various efforts like sapling plantations, taking care of trees, lawns; gardens etc. landscaping in the each block provides the most scenic beauty for minds of students and visitors. The campus is also maintained as a plastic free campus.



Green campus

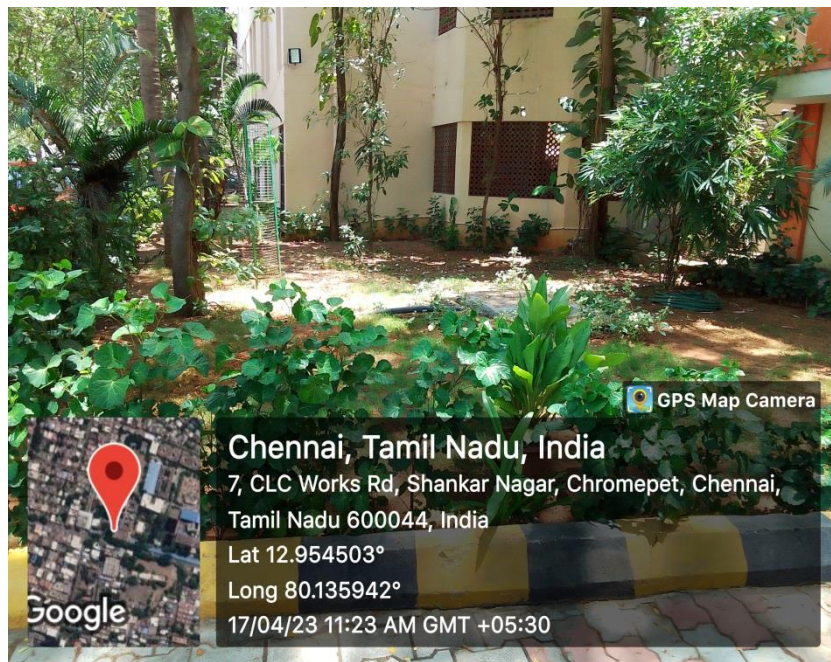
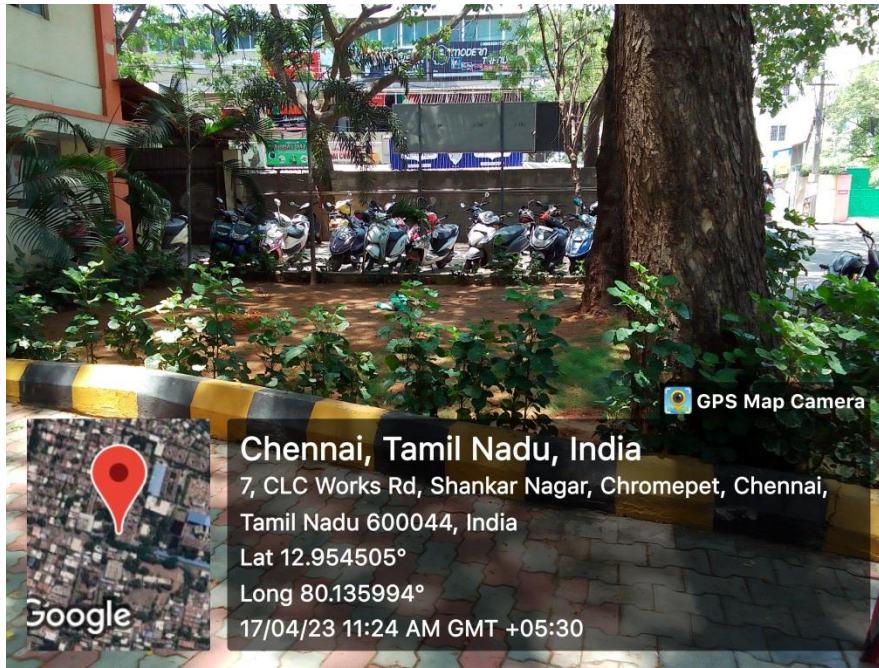


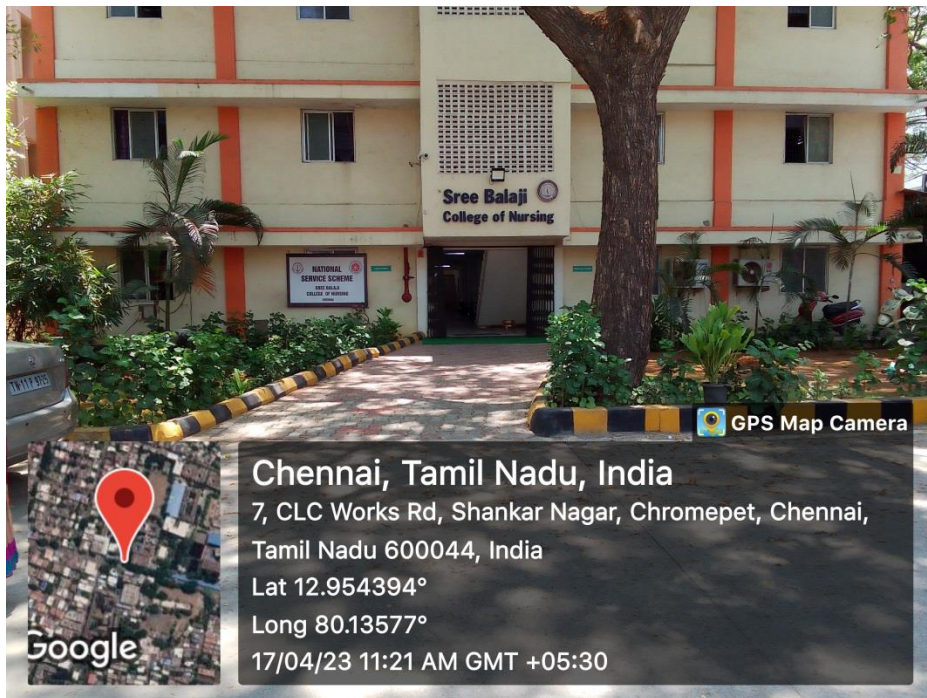
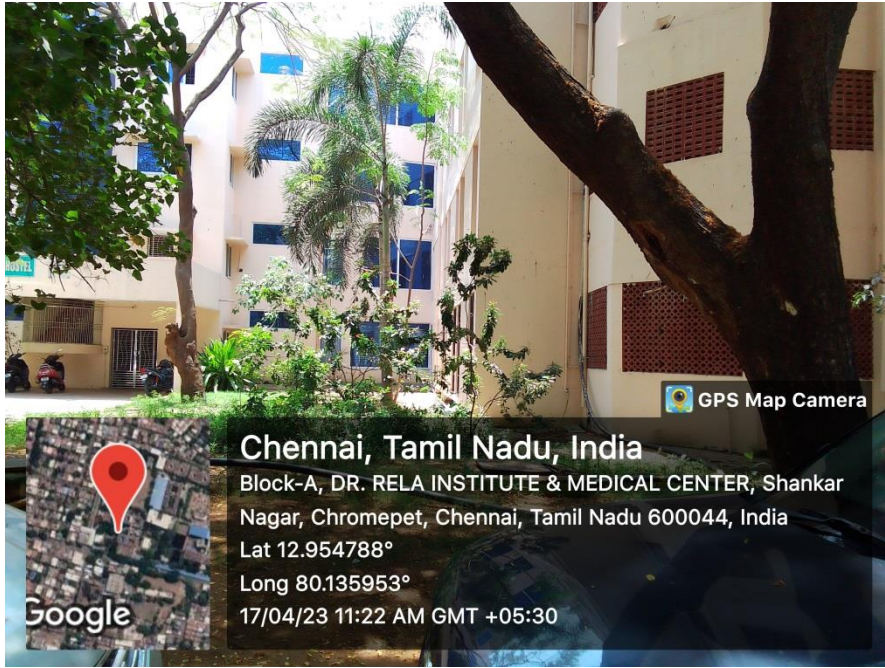
Our college encompasses only a small percentage of build-up area while the rest of the premise is green covered. Green Landscaping is done around all the department buildings.



Restricted entry of automobiles. Almost all staff utilizes college bus facility. The staff and students are restricted to use their automobiles inside the college during the working hours. Vendors, parents, visitors are restricted to enter inside the college campus using automobiles and are asked to park their vehicles in the entrance.







SREE BALAJI COLLEGE OF NURSING

7.1.6 BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION AND SUSTAINABILITY ACTIVITIES

Each year, ICN leads the celebrations on International Nurses Day, which is traditionally held on 12 May, the anniversary of Florence Nightingale's birth. The theme for 2020, *Nurses: A Voice to Lead – Nursing the World to Health*, demonstrates how nurses are central to addressing a wide range of health challenges. It will encourage nurses and the public to celebrate the big day, but also provide information and resources that will help to raise the profile of the profession throughout the year and attract a new generation into the nursing family.



SAPLING THE PLANT on Nurses Day to protect the environment



Planting trees



Planting trees in the college premises



LIGHTING THE LAMP







NSS SPECIAL CAMP WHICH WAS CARRIED OUT FROM 17 FEBRUARY TO 23 FEBRUARY 2022 AT PADAPPAL.

As organized, 7days special camp in the adopted village padappai, Kanchipuram district by NSS unit of Sree Balaji college of nursing, Chrompet, Chennai, Which was inaugurated on 17th february2022.The special camp was inaugurated by our college principal Dr .V.Hemavathy along with the head mistress of the government middle school Mrs.Subhavidhya,Padappai in the presences of NSS programme officer ,volunteers and school student. The **awareness programme relating to the child sexual abuse** to the children were explained by the NSS Volunteers. In the first day of afternoon session, survey was done at adopted village Kelpadappai.



Environment pollution has become a major challenge to human being. It possesses a big threat to human civilization due deforestation and lack of proper afforestation. The Students & Faculty members of **Sree Balaji College of Nursing** have participated in the Special Plantation drive Camp. The event was attended by more than 75 Students & 41 students have expressed their views & thoughts about how to protect the environment. All students have taken oath to plant as **tress sapling** to make our environment



SAPLING OF PLANTS



Special camp at Srnivasa Perumal temple for environmental hygiene

(students cleaned the temple premises)

The third day of special camp was started in the morning with prayer people of the adopted village and the NSS volunteers participated. In this session cleanliness drive was done in the Srinivasa perumal temple, padappai. In afternoon session an discussion with women self-help group was carried out at padappai.



(students cleaned the temple premises)





(students cleaned the temple premises)



As per plan and schedule by NSS volunteers visit to little drops old age home at Somangalam village in Kundrathur panchayat. In the old age home Nearly 400 old age people were residing .As requested by the manager of the home the provision like Toor dhal, Sugar, Oil, Old clothes were donated by Sree Balaji College Of Nursing. Afternoon was highlighted with the sapling of the trees in the campus.

Sri Lakshmi Narayana Institute of Medical Sciences (SLIMS)

7.1.6 ENVIRONMENTAL CONSCIOUSNESS AND SUSTAINABILITY

GREEN CAMPUS INITIATIVES INCLUDE

The Institutional environment and energy initiative are confirmed through Green Audit, Energy Audit, Environmental Audit, the environmental promotional activities and Clean & green recognitions and Awards.





Pedestrian Friendly Pathway

Restricted entry of automobiles & Pedestrian Friendly pathway Landscaping with Trees and Plants in SLIMS Institutional initiatives for greening the Campus



Sree Balaji Medical College & Hospital

7.1.6 QUALITY AUDITS ON ENVIRONMENT AND ENERGY REGULARLY UNDERTAKEN BY THE INSTITUTION

1. GREEN AUDIT

A checklist of flora and fauna diversity in and around the college campus is taken note of.

- Measures to improve biodiversity within the college campus is suggested.
- Energy consumption pattern of the college is monitored.
- Quantity of water usage within the college campus is assessed.
- Various sources of organic and solid waste generation and mitigation possibilities is also found out.

Green audit of the institute is conducted annually

2. ENVIRONMENT AUDIT:

This indicator addresses biodegradable waste from college and hostel canteen, paper waste to hazardous wastes of laboratories and worn-out electric & electronic goods, and plastic wastes. Hazardous materials represent significant risks to human health and ecological integrity. Environment audit of the institute is conducted 6monthly.

3. CLEAN AND GREEN CAMPUS RECOGNITION /AWARDS:

“Clean and green campus” awareness generation conducted.

School of Nursing

SREE BALAJI COLLEGE OF NURSING

CRITERIA 7: BEST PRACTICES

7.1.6 QUALITY AUDITS ON ENVIRONMENT AND ENERGY ARE REGULARLY UNDERTAKEN BY THE INSTITUTION

BEYOND THE CAMPUS ENVIRONMENTAL PROMOTIONAL ACTIVITIES:

RESPONSE:

1. SWACH BHARATH PROGRAMME

As a part of NSS Programme “Swach Bharath Mission” special Outreach programme awareness rally was conducted on 26.10.2018. This programme was conducted in collaboration with Pallavaram Municipality and Central Ministry of Telecommunication and Broadcasting.

In this rally 350 students of Sree Balaji College of Nursing including B.SC (N), P.B.B.Sc (N) and M.Sc(N) participated in the programme. The rally started from the campus of Sree Balaji College of Nursing and ended in Government Boys Higher Secondary School, Chrompet.

7.1.6 Activities conducted for promotion of Universal values, ethics
Objective: To promote truth, nonviolence, care for the need among society.

1. Father of our Nation Mahatma Gandhiji's 150th year birth anniversary was celebrated with competition, among students to promote truth and non-violence among Faculty and students.
2. Leprosy, an infectious disease especially prevalent in Asia and Africa, with a taboo attached, Faculty and students along with Government of Tamil nadu Health authorities have taken a pledge to work against leprosy and actively participated for a month long (National Leprosy Eradication Programme) with -Faculty - students having involved in this drive benefiting subjects. These activities were carried with Faculty and student's social responsibility to our people in need of healthcare.

Objective: To promote communal harmony and religious tolerance.

3. Religious functions such as Christmas, Pongal and Ramzan with students and Faculty participating highlighting the importance of each function. These activities were conducted to promote tolerance, respect other religion, while valuing their faith.

Two hours programme with highlighting of importance of each religious activity, by lectures, songs, cultural activities with presence of all Faculty and students.

Students actually look forward to these activities. On the following days they were conducted

2018 2019 2020 2021 2022 -photos

Any other details

4. With an objective to promote Ethics among students.

Ethics was included into BPT program curriculum as a course in third year of their study.

From academic year 2018, learning professional ethics as a subject enable student to adhere and faculty to be fit to practice what they are teaching.

5. Students Council

With an objective to develop democratic values and involve in decision making students Council was formed with two years' tenure since 2018.

Chairman, Vice Chairman, Secretary for Academics, Secretary for Sports and Cultural, Secretary for student's welfare are to be selected by students in a transparent manner and an Election Officer, a senior faculty to oversee the process.

Members of the Council are informed, discussed, their feedback obtained in major decision making of the Institution.

These activities help for expressing student's views, perception in a democratically way along with discipline as these were coordinated in a typical office style meeting with Principal, few faculty members attending each council meeting with an agenda.

Two such student Council elections were conducted first in 2018 and second in 2019.

6. Teachers are sculptors and living role models, with this objective Teachers Day celebrations were conducted on September 5th of each year where each teacher is facilitated with a greeting card and their contributions to the profession and to students were remembered with gratitude as evidenced with few photos taken on those occasions.
7. Even though women's rights and the contribution are much spoken than reality, we regularly celebrate Women's day inviting women achievers in different fields including Medicine, Sports, Education, Law, Physiotherapy, Entrepreneurs, Dietitian each year and sensitise faculty and students for motivation, respect and appreciate values of role played by women for betterment of our society. This was evidenced with few photographs taken on every year Women's Day celebration on March 8 as below.
8. Donate and save life with Blood donation with Faculty and students as registered members of Indian Red Cross Society, the Institution has a

functional Youth Red Cross Society which regularly organised voluntary Blood donation camp every year since 2003 till 2020. With a register maintained with regular blood donors frequently help by donating blood to those in need. As seen below are few photographs taken on those occasions along with certificates issued for these noble activities by IRCS.

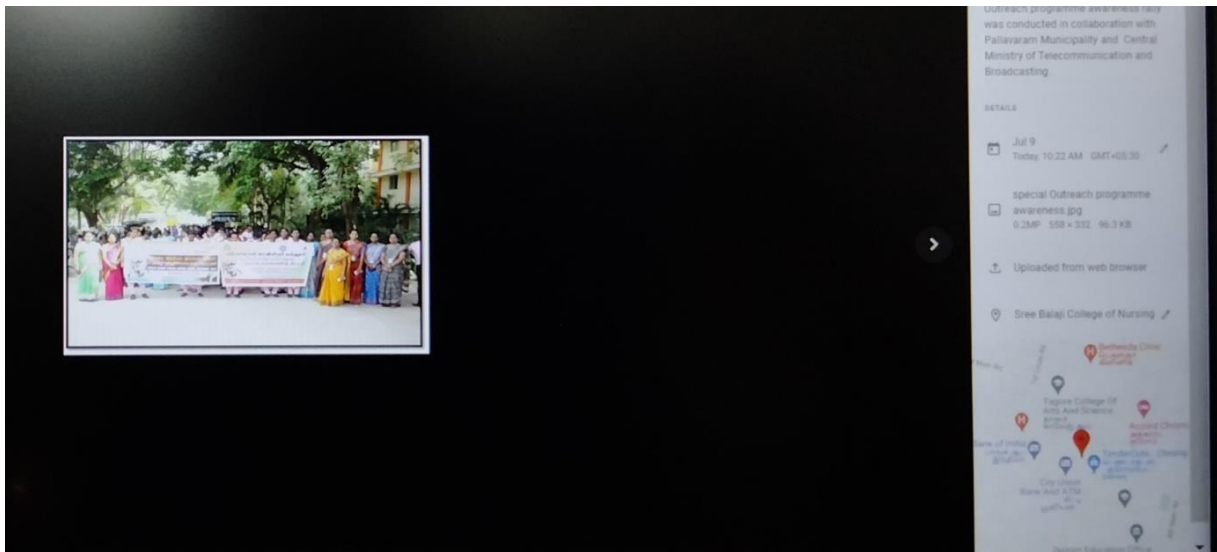
9. When GAJA cyclone has hit in 2018 various parts of Tamil Nadu were affected, to support the needy, Faculty and students have collected medicine, food and other relief materials to the affected people as can be seen in the below photos
10. Community Health Care especially for rural subjects are greater service to mankind having MOU with S.G.S trust Faculty and students of this school of Physiotherapy regularly participate in rural health camp conducted at Nadupalani a village in Kanchipuram District and 100 km from Metro Chennai conducted with a monthly once frequency where 30 students of B P T programme with 3 Faculty along with Physician, Dentist, Optometrist, Pharmacist, Gynaecologist and a Paediatrician in every month camp 500 subjects were screened, 75-100 were treated with Physiotherapy the records were maintained and later used for research activities with time spend from dawn to dusk serving these village since 2006 till today, participants from this Physiotherapy Organisation are not only serving rural residents but knows the value of health and human life which are indirectly learnt with lifestyle, habits, diseases and above all to help the needy in the society irrespective of caste, creed, religion, socio economic status are sown among pupil physiotherapist with these Community Health camps.
11. Celebration of National Health days mainly World Hand Hygiene Day celebrated on 5th May since 2018 every year holds value in prevention of many communicable diseases including SARS COVID 19 aid safe practices, cultivated among budding professionals as seen below:

7.1.6 QUALITY AUDITS ON ENVIRONMENT AND ENERGY ARE REGULARLY UNDERTAKEN BY THE INSTITUTION

7.1.6.1 beyond the Campus Environmental Promotional

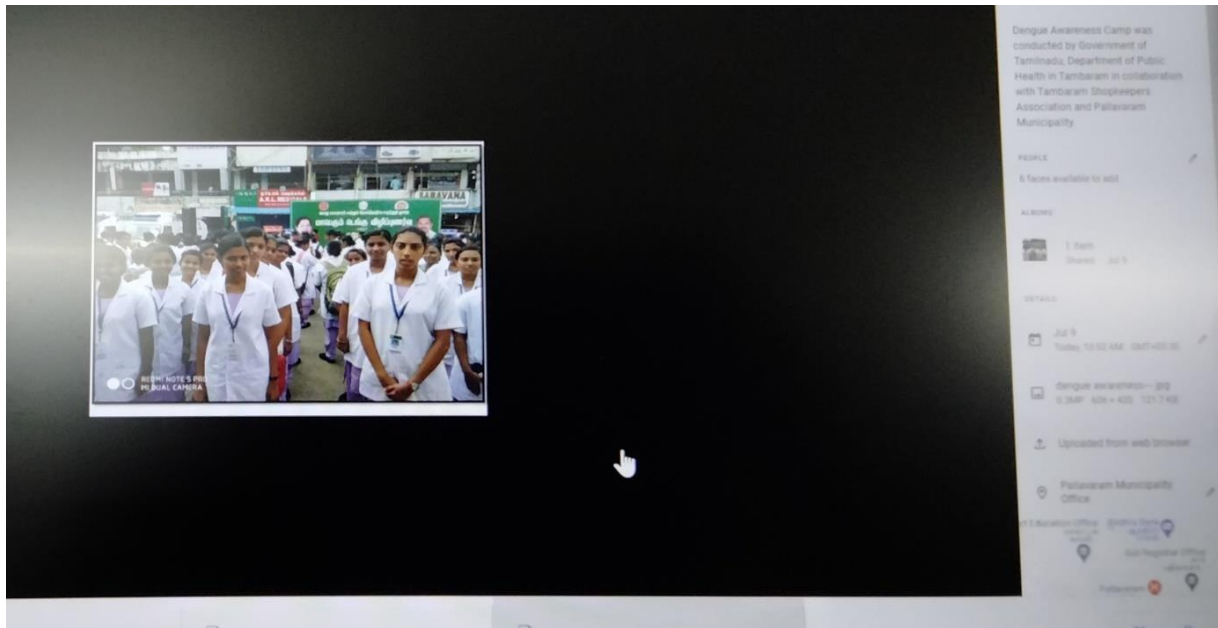
Activities Response:

“Swachh Bharath Mission” **Special Outreach Programme Awareness** rally was conducted in collaboration with Pallavaram Municipality and Central Ministry of Telecommunication and Broadcasting.



<https://photos.app.goo.gl/jmAxgV3gGb9iM6Wm6>

Dengue Awareness Camp was conducted by Government of Tamilnadu, Department of Public Health in Tambaram in collaboration with Tambaram Shopkeepers Association and Pallavaram Municipality.



<https://photos.app.goo.gl/j7vaeoNBtPbHH7Wq8>

From our college B.sc nursing final year students were participated in the pulse **polio programme** were conducted at various of primary health care centers in Tamil nadu and includes hasthinapuram, Pallavaram.



<https://photos.app.goo.gl/qUK51wCxmEGrCApi6>

we successfully started the event of **Tree plantation under the national service scheme** at Hasthinapuram government higher secondary school campus.



<https://photos.app.goo.gl/CKaqbrdD1s6nGrwd8>

Our college conducted a program on **Road Traffic Awareness**. The program was conducted with the aim of creating awareness among the youngster about the perils of rash and negligent driving given the fact that most victims of road accidents are youths. The volunteers urged to community people to follow the traffic rules like wearing seats belts, etc.



<https://photos.app.goo.gl/nDXidbteb7s5cNpq7>



**MHW RANKING
2021**

Certificate of Excellence

IN PURSUIT OF EXCELLENCE TOWARDS BEST INSTITUTE
FOR CAMPUS LIFE, THIS CERTIFICATE IS PRESENTED TO

**BHARATH INSTITUTE OF HIGHER
EDUCATION AND RESEARCH**

Top Ranked as

Private University of Eminance

Executive President



Reimagine Inc

CLEAN AND GREEN CAMPUS

To promote SWACHTA PAKHWADA, College campus was cleaned in order to provide clean and healthy environment and its done along with students. This was started in the year 2018 September 1 and every year this program was organized regularly.