



Ready for  
Every Good Work

# SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India

Resi : (04179) 220103

College : (04179) 220553

Fax : (04179) 226423

A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade



## SACRED HEART COLLEGE (AUTONOMOUS)

(Affiliated to Thiruvalluvar University, Vellore)

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+' Grade,

## POLICY DOCUMENT ON ENVIRONMENT AND ENERGY USAGE

**Approved by:** Internal Quality Assurance Cell

Date: 16.03.2020

**IOAC COORDINATOR,**  
Sacred Heart College (Autonomous)  
Tirupattur-635 601. TPT.Dt. TN, India.

**Principal**  
Sacred Heart College (Autonomous)  
Tirupattur-635 601, Tirupattur - Dist.

## **FOREWORD**

Sacred Heart College is an affiliated First Grade College of Thiruvalluvar University. It is a minority institution, established and administered by the Salesians of Don Bosco (SDB). The first care of the management is to give Higher Education to the Catholic youth in a Christian atmosphere of peace, justice and social responsibility with a preferential option for the poor among them. The College is also open to students of all castes and creeds other than Catholics. Their religious beliefs are respected in this institution.

In order to sustain its focus of global excellence and nurture continual improvement, Sacred Heart College acknowledges the need for proper waste handling and disposal. Wastes in any form are a growing problem in today's society and poses many health and environmental problems if disposed improperly due to the hazardous materials it contains.

To meet the strategic interests of the college and its global vision, this waste management policy is drawn to minimize generation of wastes, prevent and control wastes, provide guidelines for waste management and in so doing protect health, environment and improve quality of life.

It is my sincere hope that Sacred Heart College and all the stakeholders will strive at all times to uphold the standards highlighted in this waste management policy. My sincere appreciation goes to the team that was involved in the development and improvement of this policy, including the IQAC Members, the Deans and various support staff.

**Rev. Dr. D. Maria Antony Raj SDB,  
Principal, Sacred Heart College (Autonomous)**

## **POLICY PRINCIPLES**

The following are the guiding principles of the environment and energy usage policy:

**Environmental Conservation**–The College endeavors to ensure environmental conservation by implementing strong initiatives to safeguard the Eco system of the college and its surroundings.

**Safe Disposal of Bio-degradable and Non-degradable wastes**–The College recognizes the need to dispose wastes to protect the environment in a manner that is safe and sound with respect to its staff, students, institutional operations and stakeholders.

**Energy Usage:** Commitment to reduce energy consumption and reduce wastage of energy. Explore renewable energy sources as far as possible. In order to do this, the college would establish and maintain strategic partnerships with student and teaching communities, local governments, private companies and non-governmental organizations (NGOs) to develop and promote sustainable practices and identify and address sustainability challenges in the energy sector.

**Public Awareness** – The College acknowledges the importance of an informed society. Therefore initiatives for maintaining a healthy eco system depends upon the beneficiaries with self-awareness that helps to attain our objective.

**POLICY FRAMEWORK**–Sacred Heart College endeavors to achieve a human–environment co-existence model which would promote society’s welfare through environmental protection.

## **OBJECTIVES OF THE POLICY**

The College recognizes the need to establish clear guidelines on environment and energy usage.

- In future developments, infrastructure constructions and action plans, the college shall refer to the green policy and abide by the green regulations outlined.
- The college shall integrate environmental concerns into its everyday practice. In addition, it shall comply with all applicable legislation, regulation and codes of practice related to the Green Protocol stipulated by the State Government and

endorse the university's commitment to sustainable development through all means.

- Adopt best practices for environmental protection; observe conservation, environmental laws, regulations and standards.
- The college has a responsibility and desire to educate members of the community to engage effectively as global citizens, responsibly steward our natural resources, foster a culture that supports and promotes the values and principles of social and environmental sustainability, and work towards a sustainable and just future in cooperation with organizations at the local, state, national and global levels, motivate to maintain and increase the green cover area of the campus in the coming years.
- While increasing green areas, native species of flora suitable for this ecosystem will be given importance. Systematic investigations into the spread of invasive species that tamper with the ecological balance of the campus will be conducted and measures are taken up to control the spread.
- Commitment to reduce energy consumption and reduce wastage of energy. Explore renewable energy sources as far as possible. In order to do this, the college would establish and maintain strategic partnerships with student and teaching communities, local governments, private companies and non-governmental organizations (NGOs) to develop and promote sustainable practices and identify and address sustainability challenges in the energy sector.
- It would stand for increasing, sharing and exchanging environmental awareness and protection amongst the campus community and the society at large.
- To decrease the amount of waste generated by constantly monitoring the sources and through the Reduce, Reuse and Recycle policy. Implement sound long-term waste management strategies to reduce overall waste production and increase the recycled component of the waste stream, paving the way toward implementing eco-friendly technologies for utilizing natural resources efficiently.

- The purchasing policy of the college is altered to promote those products and services which cause the least harm to the environment. This should include supporting alternative eco-friendly products made locally. The purchase would also reflect the fair trade commitments. Repair and reuse, setting aside maintenance funds and ensuring long term use of products purchased would be given priority before going in for new products.
- Establish a Sustainable Environment Management Committee (SEMC), which will be empowered to Advice, take decisions and execute them regarding the sustainable environmental management of the campus. The committee will be accountable to the statutory regulatory bodies and abide by the laws and regulations existing in our country. The committee will endeavour to reduce harmful effects on the environment, human health and safety.
- Create awareness regarding the environmental impact and the carbon footprints that the institution leaves and carry out annual environmental auditing in consultation with the experts and take necessary measures to address the issues raised by such inquiries will hereafter explore the possibilities of adopting eco-friendly architecture and green buildings.
- It will focus on commitment towards ensuring the quality of food purchase, preparation, and serving in canteens and hostel messes towards enhancing the campus community's health and the environment.

### **SCOPE OF THE POLICY**

This policy covers Sacred Heart College main campus and other campuses, colleges, faculties, departments and sections. It also covers different types of wastes generated in the campus and waste management operations from staff and students' activities within the college.

### **ELEMENTS OF THE POLICY**

This environment and energy usage policy covers and is informed by the following elements: legal framework, capacity building and environmentally sound management of different types of wastes, awareness and information dissemination and resource mobilization.

## **Functions**

The environment and energy usage policy is underpinned by environmental laws denoted as per the ethics and legal compliances of Sacred Heart College. Waste management activities shall be strengthened through capacity building and continued efforts on research and development. The existing skills in the area of e-waste are limited, yet these skills are a prerequisite for successful protection against waste hazards for both the environment and human health. With this Sacred Heart College shall;

- Facilitate development of waste management training modules to cover technical maintenance, dismantling, and sustainable waste management, to provide for environmental and human health benefits.
- Develop waste management business models which will yield social benefits. These social benefits are, jobs and skills transfer from universities to central and local governments in partnership with the private sector.

## **Awareness and Information Dissemination**

There is low awareness on hazardous wastes among the public stakeholders and nationally but extremely limited to the community surrounding the College.

Community awareness campaigns on how to safely handle hazardous wastes are non-existent. To this end, the college shall:

1. Develop a strategy for education efforts including partnerships with manufacturers/retailers/recyclers.
2. Develop a waste management resource web portal.
3. Organize annual events to promote waste management awareness.

## **Resource Mobilization**

Sacred Heart College shall provide resources for waste management as follows:

- Increase the budgetary allocation to the initiative targeted at reducing wastes;
- Put in place mechanisms for resource mobilization from development partners;

- Provide the buildings, equipment and devices and other support systems for effective and efficient management of wastes.

### **Review of Policy**

The policy shall be reviewed after every 5 years or earlier, as need arises from Sacred Heart College.

### **Advisory Committee**

The college shall constitute a waste management advisory committee that shall:

1. Oversee implementation of this policy.
2. Develop procedures and work instructions for collection, sorting, dis-assembly, packaging, storage and disposal of wastes.
3. Minimize the unintended consequences due to waste handling.
4. Encourage decisions consistent with the national policies.
5. Provide flexibility to adopt the changes required from time to time.
6. Review inputs from all stakeholders.
7. Monitor the implementation of this policy and advise college management as appropriate.
8. Advise review/improvement of this policy from time to time.

### **Research and Development Organization**

Research and development shall be facilitated to carry out specific research to evolve cost effective technologies and effective adaptation of the best available technologies for waste management.

### **Staff and Skills**

The College shall facilitate development of skills requisite for the implementation of waste management operations. The staff shall be provided with the requisite instructions and procedures, equipment and devices for e-waste management operations.

## **MONITORING, EVALUATION AND REVIEW STRATEGIES**

### **Monitoring and Evaluation**

The policy implementation shall be reviewed through the performance contracting execution and reporting structures. A policy implementation plan shall be developed every financial year including actions, time and resource plans.





# NATURE SCIENCE FOUNDATION

A Unique Research and Development Centre for Society Improvement  
(An ISO 9001:2015, 14001:2015, 45001: 2018 & 50001: 2018 Certified Organization  
& Ministry of MSME Registered Organisation)  
Coimbatore - 641 004, Tamil Nadu, India. [www.nsonline.org.in]



## Certificate of Environment Audit

**NSF/ECO AUDIT/SHC/2023/40**

**This is to certify that Sacred Heart College (Autonomous), Tiruppattur – 635 601, Tamil Nadu has successfully undergone 'Environment Audit' on 09<sup>th</sup> March 2023 and assessed the eco-friendly initiatives planning carried out in the campus to maintain a sustainable environment to the stakeholders were found to be excellent.**

***This Certificate is valid till 10<sup>th</sup> March 2025.  
Ref. No: ISO/NSF/SER/R/07***

(Dr. S. RAJALAKSHMI JAYASEELAN)  
Chairman of NSF  
Certified ISO QMS, EMS, EnMS, OHMSMS

(Dr. SREEKALA K. NAIR)  
Director of Research & Development, NSF  
Certified Lead Environment Auditor.

(Dr. B. MYTHILI GNANAMANGAI)  
Certified Auditor IGBC AP &  
ASSOCHAM  
Indian Green Building Council

(Er. D. DINESH KUMAR)  
BEE Certified Energy Auditor  
Bureau of Energy Efficiency





Regd. No. 114 / 2017



# NATURE SCIENCE FOUNDATION

A Unique Research and Development Centre for Society Improvement  
(ISO 9001:2015, 14001:2015, 45001:2018 & 50001:2018 Certified Organization  
& Ministry of MSME Registered Organisation)  
Coimbatore - 641 004, Tamil Nadu, India. [www.nsfonline.org.in]



## Certificate of Energy Audit

**NSF/ENERGY AUDIT/SHC/2023/40**

**This is to certify that Sacred Heart College (Autonomous), Tiruppattur – 635 601, Tamil Nadu has successfully undergone 'Energy Audit' on 09<sup>th</sup> March 2023 and assessed the electrical energy conservation, energy saving measures and sustainability in compliance with the applicable regulations, policies and standards in the campus were found to be excellent.**

***This Certificate is valid till 10<sup>th</sup> March 2025.***

***Ref. No: ISO/NSF/SER/R/07***

*Dr. S. Rajalakshmi Jayaseelan*

(Dr. S. RAJALAKSHMI JAYASEELAN)  
Chairman of NSF  
Certified ISO QMS, EMS, EnMS, OHMSMS

*Mr. BSC. Naveen Kumar*

(Mr. BSC. NAVEEN KUMAR)  
Faculty, Mahatma Gandhi National Council for Rural  
Education Ministry of Higher Education,  
New Delhi.

*Dr. B. Mythili Gnanamangai*

(Dr. B. MYTHILI GNANAMANGAI)  
Certified Auditor IGBC AP &  
ASSOCHAM  
Indian Green Building Council

*Er. D. Dinesh Kumar*

(Er. D. DINESH KUMAR)  
BEE Certified Energy Auditor  
Bureau of Energy Efficiency



# NATURE SCIENCE FOUNDATION

A Unique Research and Development Centre for Society Improvement  
(ISO 9001:2015, 14001:2015, 45001:2018 & 50001:2018 Certified &  
Ministry of MSME Registered Organization)  
Coimbatore - 641 004, Tamil Nadu, India. [[www.nsonline.org.in](http://www.nsonline.org.in)]



## Certificate of Green Campus Audit



**NSF/GREEN AUDIT/SHC/2023/40**

**This is to certify that Sacred Heart College (Autonomous), Tiruppattur – 635 601, Tamil Nadu has successfully undergone 'Green Campus Audit' on 09<sup>th</sup> March 2023 and the green initiatives planning and efforts carried out in the campus to keep environment friendly atmosphere to the stakeholders were assessed to be excellent.**

***This Certificate is valid till 10<sup>th</sup> March 2025.***  
***Ref. No: ISO/NSF/SER/R/07***

(Dr. S. RAJALAKSHMI JAYASEELAN)  
Chairman of NSF  
Certified ISO QMS, EMS, EnMS, OHSMS

(Dr. D. VINOTH KUMAR)  
Joint Director of NSF & Botanist  
Certified Lead Environment Auditor

(Dr. B. MYTHILI GNANAMANGAI)  
Certified Auditor IGBC AP & ASSOCHAM  
Indian Green Building Council

(Mr. BSC. NAVEEN KUMAR)  
Faculty, Mahatma Gandhi National  
Council for Rural Education  
Ministry of Higher Education,  
New Delhi.