



St. Joseph's College for Women (Autonomous)
Visakhapatnam - 530004

(NAAC Reaccredited & ISO 9001:2015, 14001:2015 Certified)



7.1.5 Green campus initiatives

- 1. Restriction of entry of automobiles / Use of bicycles battery powered vehicles**
- 2. Ban on use of plastic**
- 3. Landscaping with trees and plants**
- 4. Solid waste management: Vermicompost production**
- 5. Bio gas plant.**



St. Joseph's College for Women (A)

Gnanapuram, Visakhapatnam - 530004 (A.P)

(Affiliated to Andhra University)

Reaccredited by NAAC - ISO 9001:2015 Certified

Phone Nos: 0891-2558346, 7075856500, E.mail: info@stjosephsvizag.com, Web: www.stjosephscollegevisakhapatnam.ac.in

Date : 03-10-2022

CIRCULAR

Dear Heads of Departments,

We are excited to announce a significant initiative that our college will be implementing starting from the Academic year 2022-23. Commencing on 2nd and 4th Saturday of every month, our institution will observe a "No-Vehicle Day."

On this designated days, we strongly encourage all faculty, staff, and students to opt for public transportation or park their vehicles outside the college campus if they rely on personal transport. Furthermore, we are permitting the use of electric vehicles and bicycles in the college parking space on these specified days.

To ensure the success of this initiative, the responsibility of monitoring and enforcement will be entrusted to two of our esteemed student clubs: the Green Globe Nature Club (Botany Department) and the Reduce Reuse Recycle Club (Chemistry Department). These clubs will diligently inspect every vehicle parked on campus on days other than the last Saturday of every month, ensuring possession of a valid pollution under control certificate.

The primary objective behind this initiative is to foster awareness among our faculty, staff, and students regarding the significant impact of transportation choices on the environment, public health, and community well-being.

We kindly request all Heads of Departments to disseminate this information to all students under their purview. Your cooperation in encouraging adherence to these guidelines will be immensely appreciated.

Let us collectively take this step towards a greener, healthier future.



S. S. S. S.
Principal

PRINCIPAL

St. Joseph's College for Women
(Autonomous)

VISAKHAPATNAM - 530 004

1. Restriction of entry of automobiles / Use of Bicycles /Battery powered vehicles.

The No-Vehicle Day is a monthly event observed by St. Joseph's College for Women (A), Visakhapatnam, taking place on the last Saturday of each month. This initiative aims to encourage students and faculty to abstain from using vehicles, thereby reducing carbon emissions and promoting eco-friendly transportation methods such as cycling or utilizing electric vehicles. The Botany department's Green Globe Nature Club (GGNC) and the Chemistry department's Reduce, Reuse, Recycle (RRR) Club oversee the implementation of this initiative, ensuring that students and faculty park their vehicles outside the campus. Only electric vehicles or bicycles are permitted on this day.

Furthermore, the student clubs always check whether the vehicles parked on campus have a valid pollution check certificate or not. This No-Vehicle Day serves as an educational opportunity to raise awareness about the impact of transportation choices on the environment, public health, and community well-being. The college utilizes this event to advocate for sustainable transportation options and to encourage long-term behavioral change.





St. Joseph's College for Women (A)

Gnanapuram, Visakhapatnam - 530004 (A.P)

(Affiliated to Andhra University)

Reaccredited by NAAC - ISO 9001:2015 Certified

Phone Nos: 0891-2558346, 7075856500, E.mail: info@stjosephsvizag.com, Web: www.stjosephscollegevisakhapatnam.ac.in

Date : 03-10-2022

CIRCULAR

Dear Heads of Department,

We are excited to announce that our college will be implementing a **ban on the use of plastic** within the campus starting from the academic year 2022-2023. This proactive initiative is aimed at creating a plastic free environment on our campus.

To facilitate this endeavor, an iron mesh bin has been installed in the basement for collecting plastic waste, in partnership with KIA motors. We kindly urge you to inform all students under your purview to reduce their usage of plastic and to deposit any plastic waste in the designated collection bin located near the Chemistry lab in the basement.

Additionally, we are directing the canteen committee to prioritize the usage of biodegradable paper cups, spoons, and plates in the college canteen . Furthermore, the GGNC and RRR student clubs will actively engage in creating awareness among students regarding the importance of reducing plastic usage. These clubs are dedicated to maintaining a clean and plastic free campus environment at all times.

We kindly request all Heads of the departments to disseminate this information to all students. Your cooperation in encouraging adherence to these guidelines will be immensely appreciated.

Let us collectively take this significant step towards building a greener, healthier future for our college community.



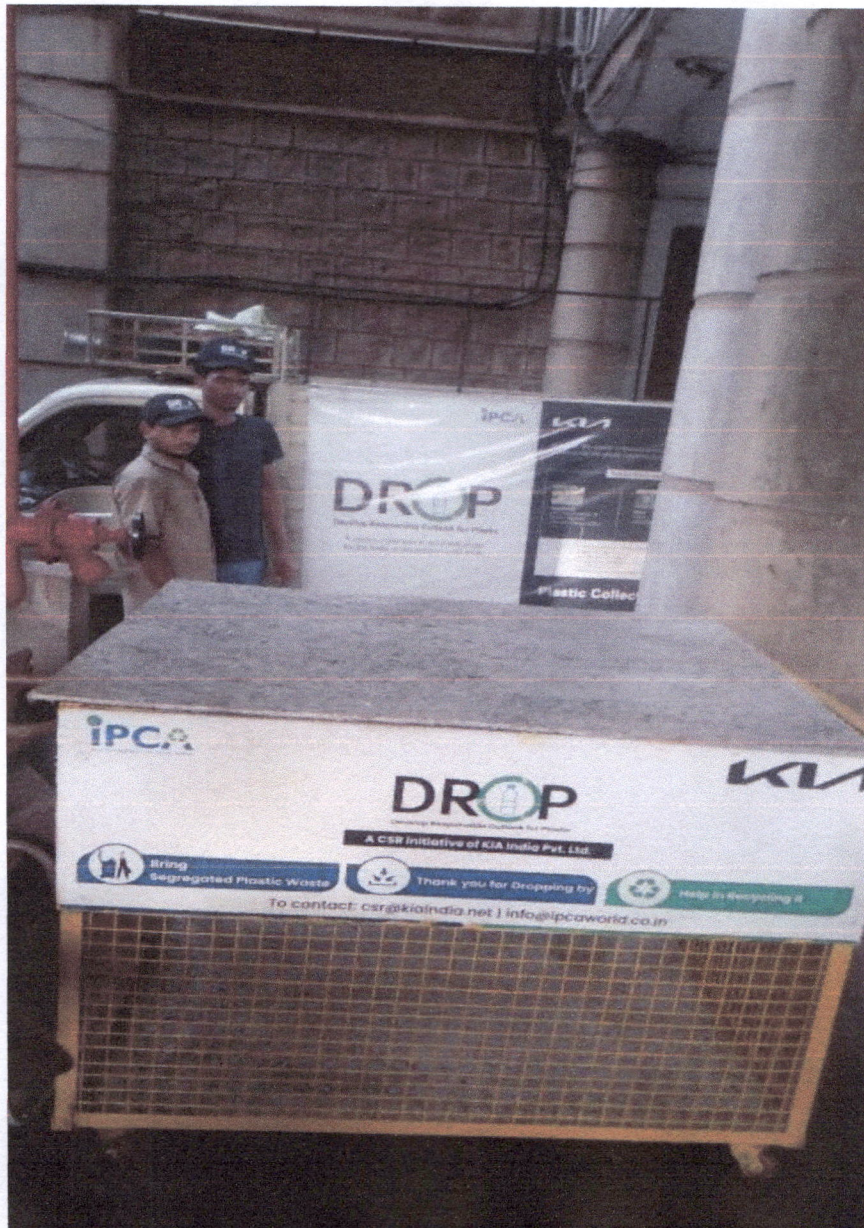
A. Bhyrappa

Principal
PRINCIPAL

St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM - 530 004

2. Ban on use of plastic.

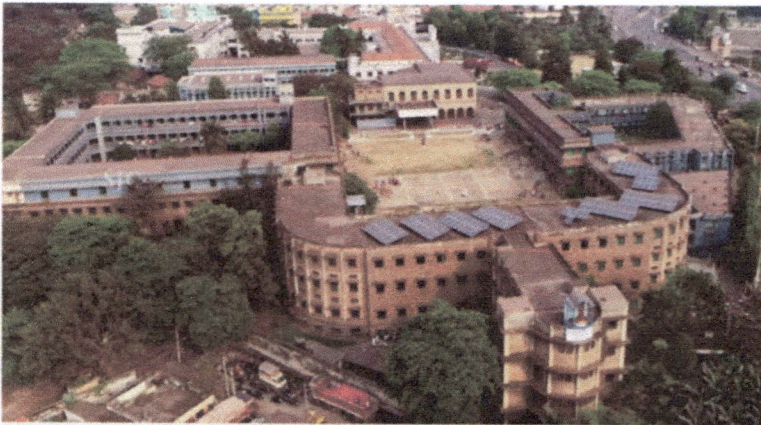
St. Joseph's College for Women (A) in Visakhapatnam strictly adheres to the principle of maintaining a plastic-free campus environment. Collaborating closely with student representatives and relevant clubs such as RRR and GGNC, the college administration ensures vigilant monitoring of this initiative. Encouraging sustainable alternatives to plastic items, particularly within the canteen, has been a primary focus. Biodegradable paper glasses, cups, and plates are actively promoted to minimize plastic usage. In a significant move towards waste management, the RRR Club, in partnership with Kia Motors, has facilitated the installation of large iron mesh bins across the campus. These bins serve as collection points for plastic waste, contributing to the college's efforts in waste reduction and recycling. Moreover, the RRR Club consistently conducts awareness campaigns aimed at educating students, faculty, and staff about the detrimental impacts of plastic pollution on the environment. Emphasizing the importance of adopting eco-friendly practices, such as switching to steel water bottles instead of plastic ones, remains a key message in these campaigns. Through such concerted efforts, St. Joseph's College for Women demonstrates its unwavering commitment to environmental sustainability and sets an inspiring example for its community members to embrace eco-conscious behaviors.



3. Landscaping with trees and plants.

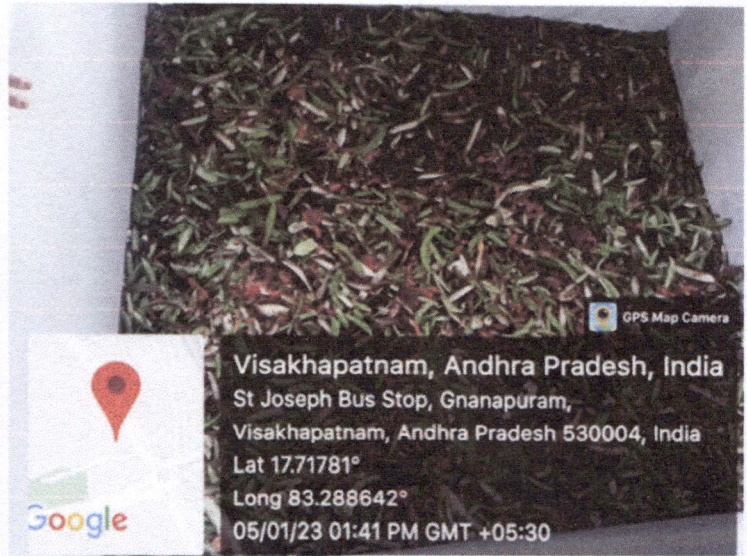
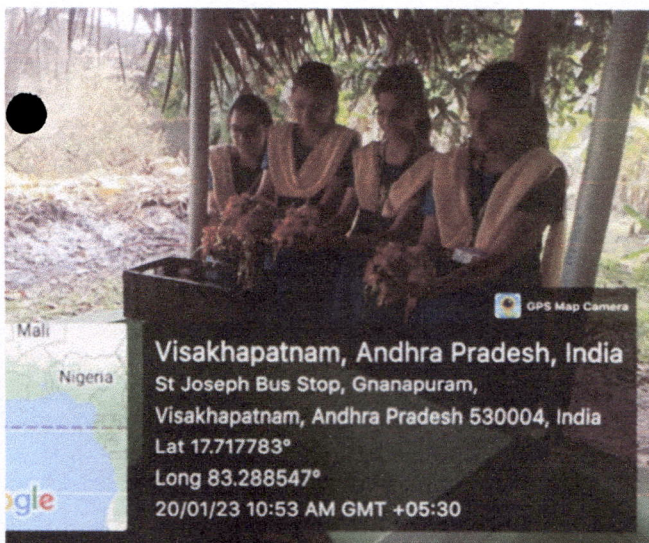
St. Joseph's College has taken strides in enhancing the natural beauty of its campus by establishing gardens in multiple locations and preserving the existing trees and their majestic canopies. Among the notable features are the medicinal plant garden and a greenhouse located within the office garden area. The Hostel Garden boasts a diverse array of ornamental plants, contributing to the overall aesthetic appeal of the campus. A recent Green Audit survey revealed an impressive total of 3709 College Flora, encompassing aquatic plants, trees, shrubs, herbs, and climbers. This commitment to biodiversity and environmental stewardship underscores the college's dedication to creating a vibrant and sustainable campus environment.

ECOZONE IN AND AROUND THE CAMPUS



4. SOLID WASTE MANAGEMENT

VERMICOMPOST PRODUCTION: Apart from maintaining gardens, St. Joseph's College is actively fostering organic farming and solid waste management through the operation of a vermicompost unit spanning 5 by 10 square feet. This unit serves as a vital hub for processing various organic materials, including kitchen waste like vegetable and fruit scraps generated within the college hostel, campus tree leaf litter, and cow manure sourced from the college dairy. Utilizing earthworms, specifically the red worms (*Lumbricus rubellus*), this initiative efficiently transforms these organic inputs into high-quality vermicompost. By engaging in such sustainable practices, the college demonstrates its commitment to environmental conservation and responsible resource utilization.



BIO GAS PLANT:

As part of renewable energy initiatives, the college operates a 4M³ Capacity Biogas Plant, aimed at fostering eco-friendly fuel production. To sustain this operation, cow dung, sourced from the college dairy, serves as the primary raw material. The plant boasts an average daily gas production of approximately 2 kilograms, which is utilized in various capacities within the hostel kitchen for cooking and heating water, among other purposes. Beyond its role in biogas production, the plant also yields a nutrient-rich slurry, which is repurposed as fertilizer for the college's nursery and other gardens. This multifaceted approach not only reduces the college's carbon footprint but also enhances its sustainability efforts by closing the loop on waste management and resource utilization.

