

जीसस एंड मेरी कॉलेज

दिल्ली विश्वविद्यालय

चाणक्यपुरी, नई दिल्ली-110021

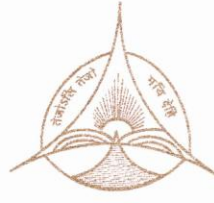
रा.मू.प्र.प. द्वारा 'ए+' ग्रेड मान्यता प्राप्त

Jesus and Mary College

University of Delhi

Chanakyapuri, New Delhi - 110021

Accredited by NAAC with "A+" Grade



दूरभाष/Tel No. : +(91)-(011)-26110041, 26875400

फैक्स नं/ Fax No. : +(91)-(011)-24105466

वेबसाइट/Website : <http://www.jmc.ac.in>

ईमेल/E-mail : admin@jmc.ac.in, info@jmc.ac.in,
principal@jmc.ac.in

JESUS AND MARY COLLEGE

UNIVERSITY OF DELHI

**SUPPORTING DOCUMENTS FOR CRITERION 7.1.3
INSTITUTIONAL FACILITIES FOR MANAGEMENT OF
DEGRADABLE AND NON-DEGRADABLE WASTE**





SOLID WASTE MANAGEMENT

Project Dhara

Project Dhara is an initiative by Enactus JMC aimed at tackling the problem of waste management while employing underprivileged women. Project Dhara was conceptualised with the two-fold objective of tackling the problem of waste management and providing employment to marginalised slum women, who are the most oppressed in family systems ingrained in poverty. They tackle these problems by employing such women to make 100% organic manure using the vermicomposting method. The project covers 12 of the 17 UN Sustainable Development Goals. Their beneficiaries are responsible for the production of the organic manure and are paid their wages per day and then further paid a large cut of the manure sold so as to empower them and eventually transform them into self-sufficient entrepreneurs running and taking charge of these very manufacturing plants. Project Dhara also engaged in paper recycling prototyping from July 2023 to June 2024. The project focused on transforming waste paper pulp into various items like diaries, journals, and paper bags. Despite challenges, the team achieved successful results in paper production and is planning collaborations with NGOs to expand operations and launch products.



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Project Sugam – Outreach and In-campus workshops

Project Sugam aims at constructing sustainable washrooms in areas that lack sanitation and hygiene. Enactus JMC successfully constructed a publicly accessible toilet at Kamla Market Police Station in Ajmeri Gate, which was inaugurated by IPS Sh. Sanjay Kumar Sain, DCP, Central District, Delhi on August 29, 2023 at 12:30 pm. The structure incorporates 1200 eco-bricks made from single-use plastic and 3900 fly ash bricks derived from coal combustion residues. Additionally, the washroom features a filler slab roof made of 250 clay pots, sensor lights, and recycled wood doors, making it the most eco-friendly sourced architectural toilet facility in Delhi.

Central to the project's circular model is the transformation of plastic bottles and single-use waste into sturdy eco-bricks, which were used in the construction of the washroom. This not only mitigates the environmental impact of plastic waste but also creates employment opportunities for four underprivileged women. The initiative has also collaborated with the Jaago Bharat Trust, an NGO, to supplement the production of eco-bricks. The utilisation of fly ash bricks as a primary ingredient reduces the need for clay extraction, effectively minimising soil erosion and preserving fertile land for agriculture. The adoption of fly ash bricks and eco-bricks in construction further promotes sustainable practices, contributing to a reduced carbon footprint.

On September 25, 2023, Enactus JMC in collaboration with NSS JMC, hosted an Eco-Brick Session on campus. This session, attended by over 55 participants, aimed to raise awareness about plastic waste and the creation of eco bricks. The session included informative talks and a live demonstration of eco brick production.



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LIQUID WASTE MANAGEMENT

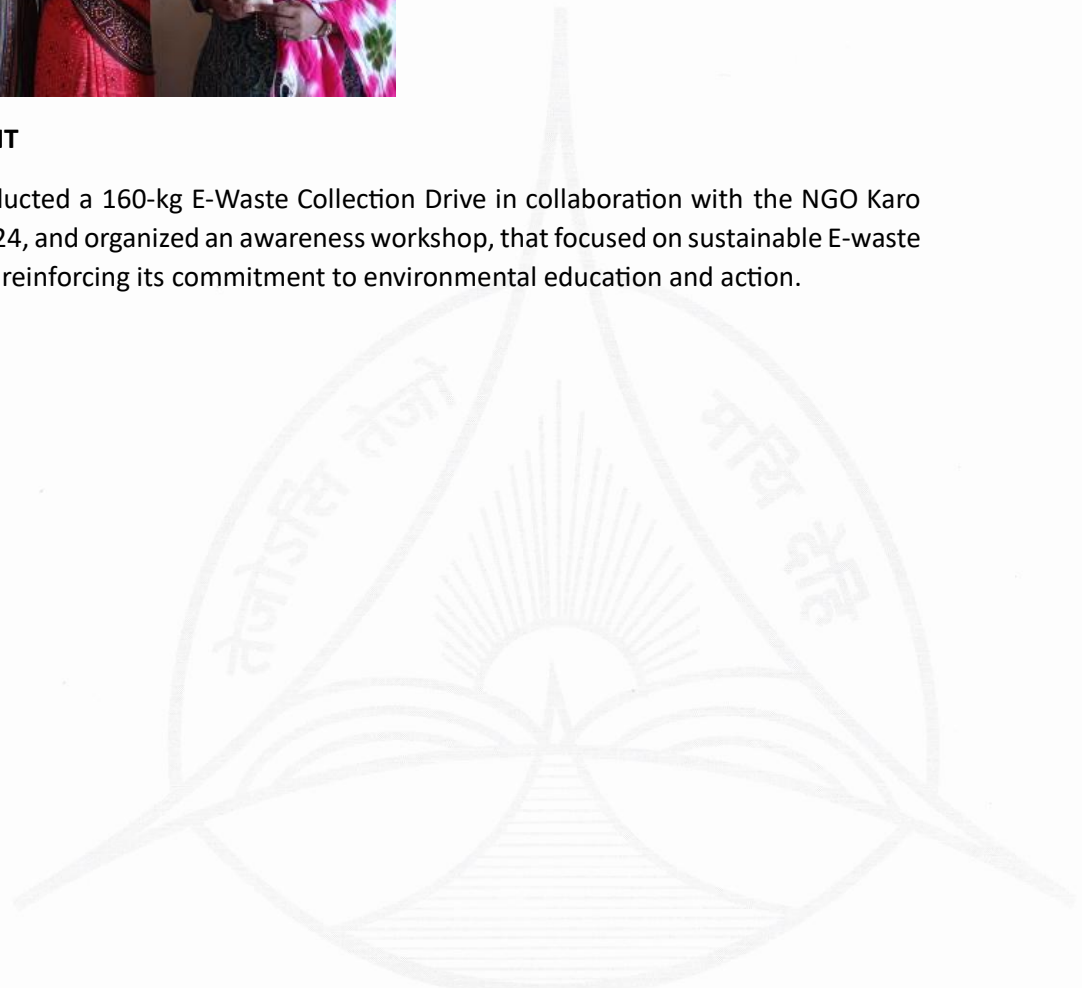
Project Iffat

Project Iffat is an innovative waste management solution under which half-used soap bars from hotels are reprocessed into new soap cakes by underprivileged communities. These soaps are then sold at a minimal price in areas lacking sanitation. Thus, Project Iffat has a trifold agenda: eliminating and reducing waste, improving hygiene and sanitation, and creating new jobs. The income that is generated from selling these soap bars is used to provide a livelihood to Enactus JMC's beneficiaries, which is a group of four women affected by HIV-AIDS. Project Iffat has successfully collaborated with Andaz by Hyatt, Delhi, for procurement of used soaps.



E-WASTE MANAGEMENT

The Green Society conducted a 160-kg E-Waste Collection Drive in collaboration with the NGO Karo Sambhav on 22 April 2024, and organized an awareness workshop, that focused on sustainable E-waste management practices, reinforcing its commitment to environmental education and action.



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KARO
S A M B H A V
Closing material loops



#RECYLEGIRI CHAMPION



CERTIFICATE OF RECOGNITION

AWARDED TO

Jesus and Mary College

for joining the **circular economy** movement.

Thank you for recycling **161** kg of e-waste in FY 2024-25,
saving **322.0** kg of CO₂ emissions.



CO₂ offset by **2 trees** in their lifetime



Taking a regular car off the road by **1610 km**

PRINCIPAL PARTNERS



DELL Technologies

Canon
Delighting You Always

ASSOCIATE PARTNERS



OTHER PARTNERS



16/12/2024

Date



Please scan the QR code to verify this certificate

Pranshu Singhal

Pranshu Singhal
Founder and Director
Karo Sambhav