



MARUDHAR KESARI JAIN

College for Women (Autonomous)



Recognized u/s 2(f) & 12(B) of UGC Act 1956 | Accredited with "A+" Grade
by NAAC (4th Cycle) | Permanently Affiliated to Thiruvalluvar University |
An ISO 21001:2018 Certified Institution | Supported by DST - FIST



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)
4 STAR Rating

SCHOOL OF PHYSICAL SCIENCES

PG DEPARTMENT OF CHEMISTRY

ORGANIZES

Awareness Talk on

Recent Challenges in Reducing Plastic Waste: Climate Change connections & Green Solutions

Date : 14.08.2025 | Time : 02.00 pm to 03.00 pm

Venue : Sri Arihanth Seminar Hall

Resource Person



Ms. S. Baranipriya

Assistant professor
PG Department of Chemistry
MKJC (A) Vaniyambadi

From Independence to Interdependence

Let's Protect our Earth Together

V. Dilip Kumar Jain
President

Anand Singhvi
Secretary

Dr. M. Inbavalli
Principal

Ms C.B.Sumathi
Dean

Dr.J. Logeswari
Head i/c

PRINCIPAL
Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi



(A Project of Sri Marudhar Kesari Jain Trust)
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SCHOOL OF PHYSICAL SCIENCES

&

PG DEPARTMENT OF CHEMISTRY

Organizes

AWARENESS TALK

on

**RECENT CHALLENGES IN REDUCING PLASTIC WASTE: CLIMATE CHANGE
CONNECTIONS AND GREEN SOLUTION**

AGENDA

Date: 14.08.2025

Venue: Sri Arihant Block Seminar Hall

Time: 02.00PM

Prayer

Welcome Address

: Ms. P. Jasmine ,
III B.Sc Chemistry

Felicitation Address

: Ms. C. B. Sumathi,
Dean School of Physical Science,
Marudhar Kesari Jain College for Women (Autonomous)
Vaniyambadi

Felicitor

: Ms. S. Baranipriya M.Sc., (Ph.D).,
Assitant Professor
Marudhar Kesari Jain College for Women (Autonomous)
Vaniyambadi

Chief Guest Intro

: Ms. K. S. Akshaya Yadav,
II B.Sc Chemistry

Vote of thanks

: Ms. V.Lavanya
II B.Sc Chemistry

National Anthem

All are Cordially Invited

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**MARUDHAR KESARI JAIN
COLLEGE FOR WOMEN (AUTONOMOUS), VANITYAMBADI**

Activity Report

Title	Recent Challenges in Reducing Plastic waste climate change connections & Green Solutions		
Organized By	School of Physical Sciences and PG Department of Chemistry		
Type of Activity	Awareness Programme		
Level	Institutional Level		
Date	14.08.2025	Time	2.00pm
Venue	Sri Arihanth Seminar Hall	Mode	Offline
Resource Person Details	Ms.S.Baranipriya.,M.Sc.,(Ph.D) Assistant Professor,PG Department of Chemistry,MKJC(A) Vaniyambadi		
Objective of the Programme	1.To create awareness among students about the harmful effects of plastic pollution and its connection to climate change. 2. To educate students on recent challenges in reducing plastic waste and introduce sustainable green solutions. 3.To motivate students to adopt eco-friendly lifestyle practices by following the 4R principles – Refuse, Reduce, Reuse, Recycle.		
Internal Participants Count	Students : 133	External Participants Count	Nil

Summary

The School of Physical Sciences and the PG Department of Chemistry, Marudhar Kesari Jain College for Women (A), organized an Awareness Talk Programme on 14th August 2025. The session was presided over by our respected Principal, Dr. M. Inbavalli, along with the faculty members of the School of Physical Sciences. Ms. P. Jasmine, III B.Sc Chemistry, Secretary of the Chemistry Department, delivered the Welcome Address. Ms. C. B. Sumathi, Dean, School of Physical Sciences, felicitated the gathering. The Chief Guest introduction was delivered by Ms. K. S. Akshaya Yadav, II B.Sc Chemistry.

A detailed and informative session was conducted by our **Resource Person, Ms. S. Baranipriya, M.Sc., (Ph.D)., Assistant Professor, PG Department of Chemistry, MKJC (A), Vaniyambadi.** The session, titled **"Title Recent Challenges in Reducing Plastic Waste: Climate Change Connections & Green Solutions"**, highlighted the urgent need for addressing the plastic crisis from the theme of **"From Independence to Interdependence: Let's Protect our Earth Together"**. Plastic has become an inseparable part of modern life due to its low cost, durability, and versatility.

However, its excessive production and careless disposal have resulted in severe environmental consequences. The speaker elaborated on: The Scale of the Plastic Problem –

Global plastic production and waste management crisis. Decomposition Issues – Challenges in reducing plastic waste, single-use plastic dependence and widespread use in packaging, food delivery, and consumer goods.

Barriers to Recycling – Lack of affordable alternatives, waste segregation issues, and limited recycling infrastructure (with only 9–12% of plastics successfully recycled globally). Green Solutions and Innovations – Policy and governance measures, strict implementation of single-use plastic bans, and sustainable alternatives such as biodegradable materials (plant-based plastics, bagasse, edible cutlery), reusable packaging, and refill systems.

The session also encouraged participants to adopt sustainable lifestyle practices by following the **4R principles – Refuse, Reduce, Reuse, and Recycle**, thereby shifting towards eco-friendly habits in daily life.

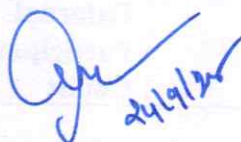
The programme concluded with a Vote of Thanks delivered by **Ms. V. Lavanya**, followed by the rendition of the National Anthem.

Outcome of the Programme

1. Students gained a deeper understanding of the environmental consequences of plastic pollution and its global challenges.
2. Participants became aware of sustainable alternatives and innovative solutions to reduce plastic waste.
3. Students were motivated to practice the 4R principles in their daily lives, fostering eco-friendly habits.

verified by


HOD

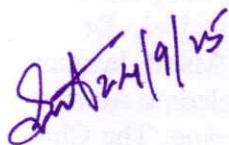

24/9/24

IQAC Director


Principal

PRINCIPAL

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24/9/24



MARUDHAR KESARI JAIN
COLLEGE FOR WOMEN (AUTONOMOUS), VANIYAMBADI



Department : Chemistry

**Programme : Recent Challenges in Reducing Plastic Waste: Climate Change Connections
& Green Solutions**

Date : 14.08.2025

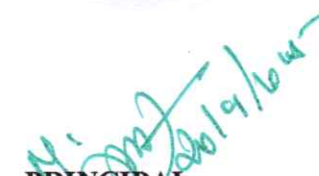


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