



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN

(AUTONOMOUS)

VANIYAMBADI, TIRUPATTUR DT - 635 751

- ✓ Recognized u/s 2(f) & 12(B) of UGC Act 1956
- ✓ Permanently Affiliated to Thiruvalluvar University
- ✓ Supported by DST - FIST | DBT STAR College Scheme



PG department of Chemistry Mendeleev Chemistry Association *organizes*

One Day National Level Seminar on

“Chemistry for Tomorrow:”

Energy, Innovation, Sustainability
and Inclusive Careers for Women
in Chemical Sciences”

Supported by
DBT STAR COLLEGE SCHEME



Date : **16.09.2026**



Time : **10.00 am**



Venue : **Sri Arihant Seminar Hall**

CHIEF GUEST



Dr. M. Bhagiyalakshmi

Assistant Professor

Central University of Kerala

PRINCIPAL

Marudhar Kesari Jain College
for Women (Autonomous)

Vaniyambadi - 635 751.

Sri. V. Dilip Kumar Jain
President

Sri. Anand Singhvi
Secretary

Dr. M. Imbavalli
Principal

Dr. M. Gopinathi
DBT STAR College Scheme
Coordinator

Dr. M. Arasakumari
Head & Associate Dean



Marudhar Kesari Jain College for Women (Autonomous)

(A Project of Sri Marudhar Kesari Jain Trust)



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ISO 21001:2018 Certified Institution - Accredited with "A+" Grade by NAAC (4th Cycle) - Support by DST-FIST

PG Department of Chemistry
MENDELEEV CHEMISTRY ASSOCIATION
ORGANIZES
ONE DAY NATIONAL LEVEL SEMINAR ON
Chemistry for Tomorrow: Energy, Innovation, Sustainability
and Inclusive Careers for Women in Chemical Sciences
Supported By DBT STAR COLLEGE SCHEME

Date: 16.09.2026

Time: 10:00 AM

Venue: Sri Arihanth Seminar Hall

AGENDA

Prayer

Welcome Address

: Ms. Jayavarshini
III B.Sc Chemistry

Felicitation Address

: Dr. M. Inbavalli,
Principal

Introduction of the Guests

: Ms. Shobigaa
III B.Sc Chemistry

Honoring the Guests

Event

Module 1: The Future of Energy: Chemistry of Batteries
Supercapacitors and Fuel Cells

Module 2: Women in Chemistry: Opportunities, and
Challenges Careers in Chemical Sciences.

Module 3: Chemistry in the 21st Century: Innovation,
Sustainability and Career opportunitie

Chief Guest Address

: Dr. K. Bhagiyalakshmi
Assistant Professor
Central University of Kerala

Vote of Thanks

: Ms. Kamini Sri
III B.Sc Chemistry

National Anthem

ALL ARE CORDIALLY INVITED

PRINCIPAL

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



MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi



Activity Report

Subject of the Activity: The PG Department of Chemistry and Mendeleev Chemistry Association, with the support of the DBT STAR College Scheme, organized a **One-Day National Level Seminar** titled **“Chemistry for Tomorrow: Energy, Innovation, Sustainability and Inclusive Careers for Women in Chemical Sciences”** on 16 September 2026.

Objectives (Input)

- To create awareness of emerging trends and future developments in chemical sciences.
- To explore the role of chemistry in energy innovation, renewable energy, and sustainable technologies.
- To promote the application of green chemistry principles and sustainable practices for environmental protection.
- To highlight diverse career opportunities, research prospects, and professional development pathways for women in chemical sciences.
- To encourage scientific thinking, innovation, and interdisciplinary approaches to addressing global challenges.

Methodology (Process)

- **Programme Details:** The PG Department of Chemistry, in association with the Mendeleev Chemistry Association and supported by the DBT STAR College Scheme, organized the One-Day National Level Seminar on “Chemistry for Tomorrow: Energy, Innovation, Sustainability and Inclusive Careers for Women in Chemical Sciences” on 16.09.2026 from 10:00 AM to 3:00 PM at the Sri Arihanth Seminar Hall. Dr. K. Bhagiyalakshmi, Assistant Professor, Central University of Kerala, served as the Chief Guest and Resource Person.
- **Inaugural Session:** The programme commenced with a formal inaugural session highlighting the significance of chemistry in scientific advancement, sustainable development, and the empowerment of women in science.
- **Expert Lecture:** The resource person delivered an insightful lecture on emerging trends in chemical sciences, focusing on energy technologies, scientific innovation, sustainable chemical processes, and the role of chemistry in addressing contemporary environmental and societal challenges.
- **Energy and Sustainability:** The session emphasized the importance of renewable energy, green chemistry, resource conservation, and environmentally responsible technological advancements.
- **Career Guidance and Opportunities:** The resource person discussed higher education, research opportunities, emerging career pathways, and professional growth for women in chemical sciences.
- **Interactive Discussion:** Students and faculty members actively participated in discussions and interactions, clarifying their doubts and gaining insights into current research trends and future opportunities in chemistry.
- **Knowledge and Skill Enhancement:** The seminar encouraged scientific curiosity, critical thinking, interdisciplinary learning, and awareness of sustainable innovations and inclusive career development.

Output

- A total of **172 students and 11 faculty members** participated in the national-level seminar.
- Participants gained knowledge of emerging developments and future trends in chemical sciences.
- The seminar enhanced awareness of energy innovation, renewable energy technologies, and sustainable chemical practices.
- Participants gained insights into the importance of green chemistry, environmental protection, and responsible resource utilization.
- The programme provided exposure to research opportunities, higher education, and emerging career prospects in chemical sciences.
- Students developed greater awareness of the contributions and professional opportunities of women in scientific research and innovation.
- The interactive session encouraged scientific inquiry, critical thinking, and the application of chemistry to real-world challenges.

Outcome

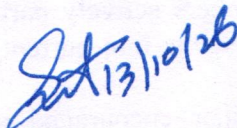
- Participants developed a broader understanding of the role of chemistry in energy innovation, sustainability, and technological advancement.
- Students gained awareness of green chemistry principles and the importance of sustainable approaches to solving environmental challenges.
- Participants acquired insights into research opportunities, emerging technologies, and career pathways in chemical sciences.
- The seminar encouraged women students to pursue higher education, research, entrepreneurship, and leadership roles in science and technology.
- Participants strengthened their scientific outlook, critical-thinking abilities, and understanding of interdisciplinary approaches to innovation.
- The programme promoted awareness of the contribution of chemical sciences to sustainable development and inclusive scientific progress.

Sustainable Development Goals (SDGs)

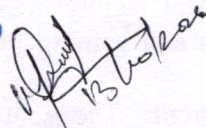
- **SDG 4 – Quality Education:** Promotes quality learning through expert lectures, scientific knowledge sharing, and exposure to emerging developments in chemistry.
- **SDG 5 – Gender Equality:** Encourages women's participation, empowerment, leadership, and career advancement in chemical sciences.
- **SDG 7 – Affordable and Clean Energy:** Highlights the role of chemistry in renewable energy research, energy-efficient technologies, and sustainable energy solutions.
- **SDG 9 – Industry, Innovation and Infrastructure:** Encourages scientific innovation, technological advancement, and research-based solutions to contemporary challenges.
- **SDG 12 – Responsible Consumption and Production:** Emphasizes green chemistry, efficient resource utilization, and sustainable chemical processes.
- **SDG 13 – Climate Action:** Creates awareness of sustainable technologies and the contribution of chemistry to addressing climate change and environmental challenges.



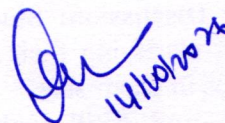
Head of the
Department



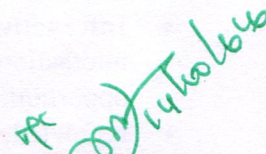
Dean



DBT Star
Coordinator



IQAC
Director



Principal
PRINCIPAL

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Vaniyambadi - 635 701.
Tirupattur District



MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi

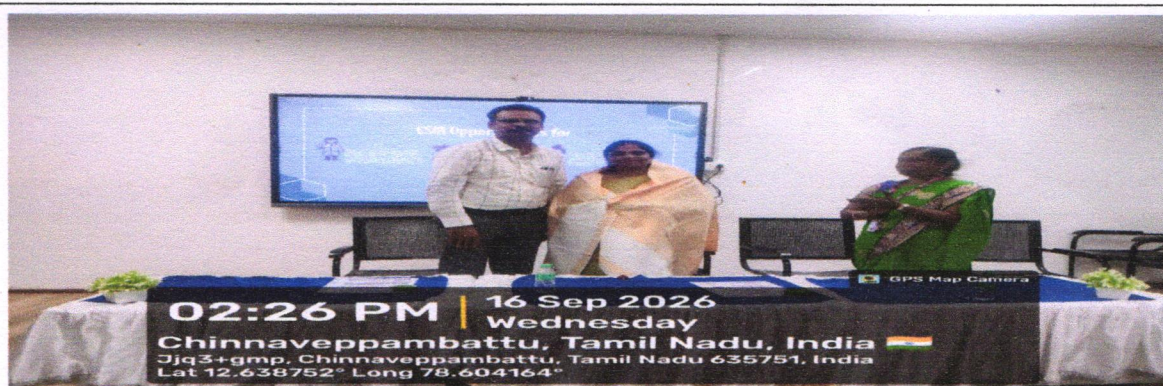


- Topic** : One Day National Level Seminar on Chemistry for Tomorrow; Energy, Innovation, Sustainability and Inclusive Careers in Chemical Sciences
- Date** : 16.09.2026
- Organized by** : PG Department of Chemistry, Mendeleev Chemistry Association
- Venue** : Sri Arihant Seminar Hall

Igniting Ideas, Inspiring Innovation: A National Seminar on Chemistry for a Sustainable Tomorrow.



Shaping a Sustainable Future Through Chemistry, Innovation and Inclusive Opportunities.



Principal

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