

**FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF BIOTECHNOLOGY, SCHOOL OF BIOENGINEERING**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**Event Report (2024-2025)**

**Event/Club/Chapter** : Guest Lecture

**Name**

**Event title** : Women Entrepreneurship and Avenues for the Eco-friendly Products  
Women Entrepreneurship and Avenues for the Eco-friendly Product

**Date** : 05.03.2024.

**Time** : 11 AM

**Venue** : Prof. G. N. Ramachandran Hall

**Faculty coordinator(s)** : Dr. B. Samuel Jacob

**No. of Participants** : 60

**Description of the Event:**

Mr. Neeraja Arjun, President, Bioenzyme council and Founder Canopy Tales has delivered a wonderful session on sustainable opportunities to convert the organic wastes to bioenzyme . She detailed on the problem of poor waste management, strategies to manage such wastes and market opportunities for bioenzyme as a cleaning agent.

Garbage Bioenzyme is a concoction of multiple enzymes produced by the variety of hydrolytic microorganisms through fermentation of organic waste materials. Most of these enzymes are extracellular in nature that breakdown complex materials into simpler compounds. Bioenzymes are now gaining prominent recognition for their applications in a variety of

domains such as agriculture, cleaning agent (disinfectant) as an alternative to synthetic detergents/dishwash liquids and enhancer (booster) in wastewater treatment and biocomposting. It has been seen that post-covid scenario, lot of commercial bioenzymes slowly grabbing the market of cleansing agents. Because of their bio-origin and eco-friendliness bioenzyme is a fascinating option for sustainable practice. Another factor contributing to their prominence is their significant ability to reduce our carbon footprint through waste reutilization route that shift towards a more sustainable future.

During the event



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Department of Biotechnology  
School of Bioengineering

organize

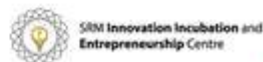
## Women Entrepreneurship and Avenues for the Eco-friendly Products

In commemoration of  
International Women's Day



**Mrs. Neeraja Arjun**  
**Founder, The Canopy Tales**  
**State President, BioEnzyme Council, Tamil Nadu**

**Venue: Prof. G N Ramachandran Hall, School of Bioengineering**  
**Date and Time: 05.03.2024, 11 AM**





**Providing BioEnzyme kit (20 L capacity) on behalf of UBA SRMIST on March 8, 2024 (International Womens Day) to Ms. Yasodha, Nattarasanpattu Village SHG member through the trainer Ms. Neeraja Arjun, Bioenzyme expert**

Through this event, we would like to propose a project for our adopted village (Nattarsanpattu) through Unnat Bharat Abhiyan to utilize the locally available fruits wastes (especially citrus based) from the markets in the vicinity of the village (for constant supply of raw materials) and the flower wastes from their local temples (3 temples) as a resource for the bioenzyme production in a specifically designed fermenter (~50 L) and other allied components made of stainless steel as a turnkey model.

