



CHILDREN'S SCIENCE CONGRESS - 2025

Tamilnadu Science Forum (TNSF), Tiruppur
Institute of Mathematical Science, Chennai

Jointly Organizes

Science Forum -Unit
L.R.G Govt Arts College for Women
Tiruppur

District Level Workshop for CSC Guide Teachers

Focal Theme:

**SUSTAINABLE MANAGEMENT OF
WATER AND SANITATION**

Tuesday - August 19,2025|Time : 10.am to 3 p.m



Venue: AV Hall, Roosa Block
L.R.G Govt Arts College for Women,
Near Collector office, Tiruppur

The program commenced with a warm welcome address delivered by Dr. Nalini Associate Professor and Head of the Department PG and Research Department of Chemistry. In her speech, she extended heartfelt greetings to the dignitaries, invited guests, teachers, and participants present on the occasion.



Mr. V. Karthick has been an active Regional Coordinator for the West Zonal Children’s Science Congress (CSC), working with students, teachers, and mentors to promote the spirit of scientific inquiry and innovation among young minds. His association with CSC has spanned several years, during which he has tirelessly supported initiatives that encourage “learning by doing” in science education.



Mr. Eswaran, Advisor and Member of TNSF Tiruppur, delivered a thought-provoking talk on “Water is for Everyone.” He emphasized that water is the most essential natural resource, meant for all living beings. He urged everyone to use it wisely, avoid wastage, and protect water sources for the future. His message highlighted that conserving water today ensures life and well-being tomorrow.

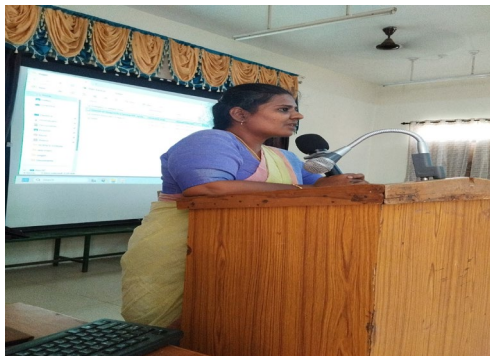
Analysis of Ions and Minerals in Water

Dr. Suganthi, Assistant Professor, Department of Chemistry, explained the scientific study of ions and minerals in water. She highlighted how water quality affects health and the need for regular testing.



How to Prevent Waterborne Diseases

Dr. Jessica, Guest Lecturer, Department of Zoology, presented preventive measures against waterborne diseases. She discussed cleanliness, safe drinking water, and awareness as key factors in prevention.



Evaluation of Wet Land Status

Dr. Sheeba, Associate Professor Department of Zoology presented ecological insights on conserving wetlands.



Microbial degradation of plastics & Microbiological analysis of portability of drinking water

Dr. R. Gandhimathi delivered an insightful and informative lecture on two highly relevant areas of microbiological research.



She began by highlighting the global issue of plastic pollution and the urgent need for eco-friendly solutions. She explained how certain microorganisms possess enzymes capable of breaking down synthetic polymers, leading to the biodegradation of plastics.

Digital Data Collection

Dr. Anuradha, Assistant Professor, Librarian discussed modern digital methods for efficient data collection. She explained how to search for writing research. She also explained about Online Open Access E-Resources, Digital Libraries and so on., She also explained how to find E-journals for each and every branches such as Botany, English and so on.



Internet of Things (IoT)

Dr. V.Punithavathi, Guest Lecturer, PG & Research Department of Computer Science explained on Internet of Things (IoT) applications and its growing role in technology . Applications of IoT in various fields such as Smart Phone, Smart House, Smart City, Smart Shopping, Smart Farming smart parking and also applications of IoT in water management



The staff members are took an oath together. This reflects their unity, commitment, and dedication toward institutional and social responsibilities.



The District Level Workshop for CSC Guide Teachers was conducted at L.R.G. Government Arts College for Women, Tiruppur.



The event focused on the theme “Sustainable Management of Water and Sanitation” under the Children’s Science Congress 2025.1

The program concluded with a vote of thanks, appreciating the efforts of all the organizers and participants who made the event a memorable one. At final the faculty members were honored with mementos.



Vote of Thanks

Mr. V. Ravi, District Member, TNSF, expressed gratitude to all speakers, participants, and organizers for the success of the sessions.