INDIAN INSTITUTE OF TECHNOLOGY MADRAS

The Accessibility Research Centre

in collaboration with

Tamilnadu Science and Technology Centre

organizes

Sound Sculpting Competition - 2025

Scientific Innovation Through Sound

MAR 07, 2025 | **09 : 00 AM**

ABOUT ARC

The Accessibility Research Centre (ARC) is a leading centre at IIT Madras focused on improving accessibility and inclusivity in education through innovation and technology.

This competition is part of our Extended Reality (XR) project aimed at exploring new frontiers of science through sound and multi-sensory learning. We are experimenting with AR and VR technology to teach science at the foundational level and we will demonstrate our project at the Museum during the event.

ABOUT TNSTC

Tamilnadu Science and Technology Centre (TNSTC) was established by the Government of Tamilnadu in the year 1983, registered under the Tamilnadu Societies Registration Act 1975, with the main objective of popularizing science and technology among the people in general and students in particular.

Tamilnadu Science and Technology Centre has been rendering excellent educational services throughout the state by conducting various academic and cocurricular activities.

Sound Sculpting for Science

All children like sounds, and some with special conditions such as visual impairment like it even more. Through the competition we would like children to 'sound sculpt for science'. This is to ensure that science as a knowledge system becomes universally accessible.

What is sound sculpting?

Sound sculpting is the art of representing realities, objects, and experiences through sound. Due to their natural instinct for connecting with sounds, children enjoy deploying them in accessing science.

Awards:

Science Innovation Award of Rs. 50,000 will be awarded to the school with the most creative and innovative project.
The 2nd prize of **Rs. 20,000** will go to the runner-up.

Participation Prizes: Exciting prizes for all participants in recognition of their creativity and effort.

PERIYAR SCIENCE & TECHNOLOGY CENTRE
Gandhi Mandapam Road, Chennai- 600025

About the Competition

Students from classes 6–11 are encouraged to come up with innovative science projects using sound. The projects can include the use of musical instruments, nature sounds, everyday objects around us to recreate or explain scientific concepts and phenomenon. Each team can have 3–5 participants. Each school can send up to 5 entries.

The school children are requested to send audio files of their sound sculpting submissions of 2-5 minutes duration. This should include a detailed description of the project through audio narrations in their own voices and in any language of their choice.

The teams should not copy digital sounds from the internet or any other secondary source. We discourage the students from using AI-generated sounds.

Your audio submissions must have two components:
1. Any Sound sculpting linked to science
2. An Explanation about how you created or gathered specific sounds of a sound sculpture

(Scan the QRCode for Examples)

Our goal is to encourage education through play, creativity, and inspiration. We believe that our young and dynamic sound sculptors can not only teach us new methods of learning science but also offer inventive ways of self-expressions through the language of sound.

We request you to register for the competition by **17.02.2025**
Please submit your sound sculpting files on or before: **20.02.2025**

Please visit our website by scanning the QR code to **Register, Submit Audio Files,** find **Sound Sculpting Samples** and get more information.

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