

REPORT

DEPARTMENT OF MATHEMATICS

Field Visit to Erode STEM Park: A Hands-On Exploration

Invitation



P.K.R. ARTS COLLEGE FOR WOMEN

Re-Accredited with 'A' Grade by NAAC
Autonomous Institution – Affiliated to Bharathiar University
Gobichettipalayam

DEPARTMENT OF MATHEMATICS

Organizes

Field Visit to Erode STEM Park
A Hands-On Exploration

Date: 25 July 2025

Objective of the Visit:

- Interactive STEM exhibits and live demonstrations
- 20-minute Planetarium session
- Hands-on activities linking theory with real-world applications
- Team-based learning and problem-solving experiences



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DEPARTMENT OF MATHEMATICS

Field Visit to Erode STEM Park: A Hands-On Exploration

Venue: Erode STEM Park, Erode **Date:** 25/07/2025 **Time:** 11:00 AM to 2:30 PM

Objective:

The main objective of the visit was to provide students with an opportunity to explore mathematical and scientific concepts through hands-on learning. The aim was to bridge the gap between theoretical knowledge and practical application in an engaging environment.

Content of the Visit:

The visit began with a guided exploration of various interactive exhibits at the Erode STEM Park. Students engaged with models that demonstrated scientific and mathematical principles such as force, motion, levers, pulleys, gears, Head on platter, Curie point, Infinity wall, mirror maze and renewable energy systems. These hands-on activities allowed students to relate theoretical classroom concepts to real-life applications, enhancing their understanding and interest in the respective subjects.

A special highlight of the visit was a 20-minute planetarium session, where students experienced an immersive presentation on celestial bodies, space science, and the solar system. The visual experience helped them understand astronomical phenomena and appreciate the vastness and order of the universe.

The overall experience was enriched by the explanations provided by park facilitators, and the students were encouraged to participate in interactive problem-solving tasks, promoting curiosity, collaboration, and critical thinking.

Beneficiaries: 30 students 5 faculty members

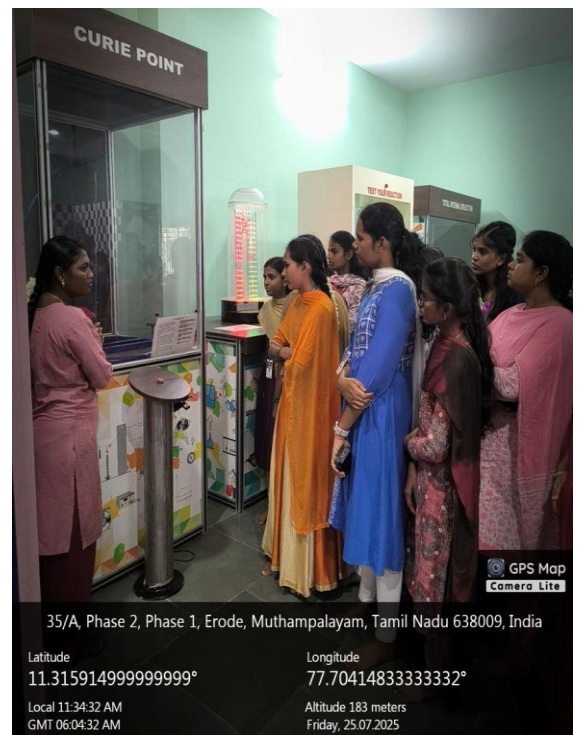
Outcome of the Visit:

- Students gained practical exposure to STEM applications through interactive models and exhibits.
- The planetarium session enhanced their awareness of astronomical concepts and space science.

R. JAYAL 25/7/25

Mrs. R. JAYAL, KSHMI
Assistant Professor and Head
Department of Mathematics
P.K.R. Arts College for Women (Autonomous)
Gobichettipalayam - 638 476.

Photos





10/402, Phase 2, Phase 1, Erode, Muthampalayam, Tamil Nadu 638009, India

Latitude
11.315833333333334°

Longitude
77.70496833333333°

Local 12:30:03 PM
GMT 07:00:03 AM

Altitude 183 meters
Friday, 25.07.2025



8P83+FMP, Phase 2, Erode, Muthampalayam, Tamil Nadu 638112, India

Latitude
11.316211666666667°

Longitude
77.70414666666667°

Local 11:39:31 AM
GMT 06:09:31 AM

Altitude 181 meters
Friday, 25.07.2025