



KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
Re-accredited by NAAC with A+ grade (4th cycle)
College of Excellence (UGC)
52nd Rank Among Colleges in NIRF 2024
G.N. Mills (PO), Coimbatore - 641029.

DEPARTMENT OF COMPUTER SCIENCE (AIDED)

Industrial Visit to Regional Science Centre and Science Museum

Supported by

DBT STAR COLLEGE SCHEME

REPORT

Name of The Event	Industrial Visit to Regional Science Centre and Science Museum, Coimbatore
Date	26.09.2024
Time	10:00 A.M
Resource Person With Designation	-----
Venue of The Programme	Regional Science Centre and Science Museum, Coimbatore
Objectives of the Programme	•To know about the principles of science and functions of various science equipments. •To know the applications of technological developments. •To gain knowledge about Astro-Physics. •To get awareness about satellite communication.
Outcome of the Programme	•Students experienced the application of science in various activities.

	•Enriched the •skills •Fostered creativity and innovative thinking in the minds of the students. •
Number of Beneficiaries with class (Both students and faculty)	•III – B.Sc Computer Science students technological knowledge •Created interest in scientific principles Improved critical thinking: 48 Faculties : 4

Report in Detail:

III B.Sc Computer Science students visited the Regional Science Centre and Science Museum, Coimbatore. In the beginning, the students, saw the energy ball. It is the maze of circuitous paths. Balls roll gave performance like an acrobat in a circus there by turning wheels, hitting gangs and bells, creating music while passing through xylophones.

Next, the students experienced the Anaglyph 3D Image with red, blue and green glasses and saw the 3D panoramic view of the surface of Mars. Anaglyph images are used to provide the stereoscopic 3D effect when viewed with color glasses a chromatically opposite color, usally red and cyan. Images are made up of two color layers, super imposed.

After this, students were exposed to the following:

Persistence Vision:

The image of an object forms on the retina of the eye. This image stays on the retina for a short time, even after the object has moved away. This is called the persistence of vision.

Deceptive reality:

There are rotating cubical frames inside the 3 chambers of this display. Two different geometrical figures appear from nowhere and start rotating inside the cubical frames in the inner chambers.

Seebeck siren:

The disc has 8 circles, each circle having a certain number of equally spaced holes. 8 notes of music appear, and compressed air comes out of the nozzle and strikes the rotating disc.

Bucket radio:

As the bucket is placed over the pin a large volume of air enclosed by the bucket is forced into vibration thereby raising the loudness and making the music audible.

Coded music:

The slider blocks along any of the segments of a particular music code encrypted on the drum by sliding side wise. By turning the drum slowly, one can listen to the musical notes that are emitted.

Next, the students were exposed to the applications of the following:

- Illusion
- Mechanics
- Mathematics
- Waves and vibration
- 3D Theater
- Electricity
- Magnetism
- Optics
- Sound
- Lazy Coins
- Gravity well
- Mechanical Linkages
- Pulley
- Internal Combustion Engines.

Signature of the Department Coordinator

Signature of the Head of the Department



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