

DEPARTMENT OF PHYSICS
NIRMALAGIRI COLLEGE, KUTHUPARAMBA
FIELD TRIP FOR FIRST B.Sc. STUDENTS 2021-22

Objectives:

- To participate in learning experience that are not normally available in the classroom, but are essential for sound raining in development policy and administration.
- To test the validity and practicability of classroom learning to practice, thu helping students develop their professional skills
- To enhance student’s knowledge on development practice

Conscious of the fact that an understanding of the spirit and method of science is crucial for children to become responsible citizens, Department of Physics, Nirmalagiri College, organized a one day field trip to Regional Science Centre (RSC) and for students of first year B.Sc Physics.

The journey started on 07.30 am from College and reached RSC around 9.45 am. To begin with, the students took a walk through the campus where they gathered information about basic science through some models displayed and fun games. The various models displayed in the Planetarium courtyard brought great ideas of learning on topics such as water cycle, ecosystem, concept of inertia etc. To add more to their knowledge, the students got a chance to see the models of various space shuttles used to travel into space and gadgets used to make observations and recordings.



The highlight of this visit was the show which the students watched in the sky-dome theatre situated in the planetarium. It featured information about planets, constellations, and specific objects such as globular clusters, open clusters, nebulae, pulsars, etc. It was a very fruitful and enlightening trip that set many young minds aspiring to take up astronomy as a subject and learn more about the intriguing outer space. The students were very excited to watch the show on solar system. They shared their wonderful experience after watching the animated show on solar system. They also shared their experience of having watched the 3D show on Animations.

Scientists have encouraged the students to pursue post-graduation in relevant subject and work for the betterment of the society. 32 students and 3 faculties participated in the programme. The entire tour was planned and organised by Dr. Deepu Thomas, Dr. Joshy Joseph and Dr. Chithra M Mathew. As per the feedback collected from the participants, the programme provided a real-time experience to the world of scientific research.

Outcome:

Field trip provides real-world experience, increases the quality of education, and improves the social relations, outside of the four walls of a classroom. The idea behind this experiential learning is to contextualize knowledge in order to develop a deeper understanding.

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