



BESANT WOMEN'S COLLEGE MANGALURU
M.G. ROAD, KODIALBAIL, MANGALORE-575003

DEPARTMENT OF PG STUDIES IN FOOD SCIENCE AND NUTRITION
INDUSTRIAL VISIT

DATE: 25/03/2022

VENUE: Pilikula Regional Science Centre

STAFF IN CHARGE

1. Mrs. Indira Badya
2. Ms. Nireeksha V
3. Ms. Shahda Firhath

TOTAL NUMBER OF STUDENTS PARTICIPATED: 21

OBJECTIVE OF THE ACTIVITY

To provide a glimpse on various science disciplines in the regional centre and enrich their knowledge

OUTCOME OF THE ACTIVITY

The students clearly understood different concepts related to physics, biology, genomics and nutrition.

DESCRIPTION OF THE ACTIVITY

A study tour to Pilikula Regional Science Centre was organised for 1st and 2nd M.Sc Food Science and Nutrition students on 25th March 2022, by the department of P.G Studies in Food Science and Nutrition, Besant Women's College. The students were accompanied by the faculty of the M.SC department

The Pilikula regional science centre consists of a science block, planetarium and outdoor science park. The science block consisted of 3 major sections namely biodiversity, frontiers of technology and fun-science.

The biodiversity gallery mainly focused on various concepts related to earth in the form of still and working models like biodiversity in soil and air, vertical gardening, different types of ecosystem, evolution, genetic engineering, DNA model, information on various scientists like Charles Darwin, August Weismann, Gregor Mendel and their contribution to science, nutrient cycles, concepts of microbiology which was very informative for the students.

The fun science gallery displayed various concepts of physics and mathematics which was depicted in a very fun and easily understandable way in the form of working models. It consisted of concepts related to Pythagoras theorem, effect of magnetic field, effect of gravity, effect of light and sound waves, Doppler's effect and so on.

The frontiers of technology gallery consisted of latest discoveries and inventions in the field of science like working wind mill, solar panels, nanotechnology, rocket science, tidal energy, genetically modified foods, stem cells, artificial intelligence, rockets and satellites in form of working models.

The outdoor science park had 36 models which depicted the concept of science in an interesting way. The students experienced the journey to mars in a thrilling way in the form of 2D movie, astronomy, and different constellations.

The students even observed the traditional method of oil extraction and rice Pounding in the artisan village of the Pilikula Nisargadama.