



DCT's
DHEMPE COLLEGE OF ARTS & SCIENCE
MIRAMAR, GOA

DEPARTMENT OF BIOTECHNOLOGY

REPORT ON THE TWO-DAY EXHIBITION CHIASMA 10.0 FOR THE ACADEMIC YEAR 2024-25

The Department of Biotechnology at DCT's Dhempe College of Arts & Science, Miramar, Goa, successfully organized a two-day State-level Science Exhibition, CHIASMA 10.0, 2025, on 4th and 5th February 2025 at Goa Science Centre & Planetarium, Miramar. This event was conducted with the support of the DBT Star College Scheme and aimed to foster scientific awareness and innovation among students and the general public.

The exhibition commenced with an inaugural function at 10:00 a.m. in the auditorium, followed by the ribbon-cutting ceremony at the Gandhi Hall. The exhibition was officially inaugurated by **Shri. Mahesh Patil**, Chairman of the Goa State Pollution Control Board, along with Prof. P.S. Ramu Murthy, Principal of Dhempe College of Arts & Science, Miramar, Goa.

The theme for CHIASMA 10.0 was "Transforming Ideas for a Sustainable World," emphasizing the role of biotechnology in addressing environmental challenges. Students of the Biotechnology Department presented innovative exhibits, which were open to the public on both days. The first day concluded at 3:30 p.m., with a recorded footfall of 340 visitors. On the second day, the exhibition continued from 9:30 a.m. to 3:30 p.m., attracting a diverse audience, including students, teachers, and science enthusiasts. The valedictory ceremony was graced by **Shri. Suhas Godse**, a distinguished academician and expert in the field of science and environmental studies was the Chief Guest and Mrs. Manjula Yadav, Project Coordinator of Goa Science Centre, was the Guest of Honour.

The exhibition featured a range of innovative and application-based scientific models, including:

Super-hydrophobic surface

Biopod

Aeroponics

Microbial fuel cell

Aquaponics

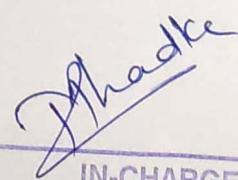
ThermShades

EcoBricko

Forensic science

Shell-less chick embryo

Bioethanol production from corn cobs


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Bio packaging materials

CHIASMA 10.0 witnessed an overwhelming response, recording a total footfall of 670 visitors, including students from 11 high schools and 7 higher secondary schools, along with numerous independent visitors. The exhibition successfully fostered scientific curiosity and highlighted the practical applications of biotechnology in promoting environmental sustainability. The purpose of the exhibition was to inculcate a scientific attitude amongst the students of High Schools and Higher Secondary Schools. In addition, it also provided a platform for the students of Biotechnology to showcase their knowledge, zeal, and creativity.



Shri. Suhas Ghodse visiting the exhibition



Shri. Mahesh Patil and Prof. P. S. Ramu Murthy visiting the exhibition



Inauguration of the exhibition



Students explaining the exhibit



Overwhelming response from students visiting the exhibition

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Principal

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