



**Dhempe College of Arts and Science
Miramar, Goa
Department of Mathematics
Department Activity under DBT Star Scheme
Report**

Celebration of World Statistics Day

Date: 8th October 2025

Venue: Seminar Hall, Dhempe College

Organized under the DBT Star College Scheme

The **Departments of Mathematics and Biotechnology** celebrated **World Statistics Day** on **8th October 2025** under the **DBT Star College Scheme**. The celebration highlighted the significance of statistics in research, data-driven decision-making, and modern scientific applications. The global theme for this year was “**Empowering Data for Sustainable Development.**”

The keynote session was delivered by **Mrs. Sweta Nandwana, Deputy Director, Directorate of Census Operations, Goa**, on the topic “**Usage and Importance of Statistics in Census and Sample Registration System (SRS)**”. She explained how statistical tools are essential for accurate data collection, population estimation, and evidence-based policymaking.

Following the talk, **TYBSc students** presented their research on “**Modelling Social Media Detox,**” demonstrating the use of:

- **Data handling and preprocessing,**
- **Regression analysis,**
- **Structural Equation Modelling (SEM), and**
- **Machine Learning techniques** such as **Neural Networks (NN), Graph Neural Networks (GNN), and Random Forest.**

The presentation showcased the integration of classical statistics with modern computational methods, illustrating how data analysis informs research across disciplines.

The celebration was highly successful in promoting statistical awareness and interdisciplinary research among students.

