



DEMPO CHARITIES TRUST'S

Dhempe College of Arts and Science, Panaji-Goa

Report on the Skill Enhancement Course on 'Research Methodology' for AY 2024-25

The **Department of Biotechnology**, Dhempe College of Arts and Science, successfully conducted a **30-hour certificate course** on *Research Methodology and Scientific Communication* during the academic year 2024-25. The course was coordinated by **Ms. Reshma Zakane**, Assistant Professor, and was designed for **33 third-year B.Sc. Biotechnology students**. The course's objectives were to introduce students to fundamental research methods and academic research techniques, provide an understanding of research methodology, ethics, and scientific communication, and equip students with skills for proposal writing, research documentation, and plagiarism avoidance.

The course was divided into various units which were taught by the faculties of the department of biotechnology as per their expertise.:

Faculty & Topics Covered:

Week	Topic	Faculty
1	Research: Definition & Types, Research Design	Dr. Manasi Pawaskar
2	Formulating a Research Problem, Literature Review	Mr Kamlesh Korgaonkar & Ms Priti Gawas
3	Data Collection, Data Analysis & Documentation	Dr. Amara Mulla
4	Proposal Writing, Plagiarism & Ethics in Research	Mrs. Mrunal R. Phadke
5	Academic Writing, Communicating Research Effectively	Ms. Deepti Rane & Mrs. Vandana Sardesai
6	Scientific Writing, Citations & Referencing Tools	Dr. Reshma Zakane

The course employed a dynamic teaching approach that combined interactive lectures with practical exercises to enhance student engagement. Participants received hands-on training in various research tools and software, enabling them to develop essential research skills. Evaluations were conducted through quizzes, research project design, and scientific writing exercises to assess student progress, ensuring a comprehensive understanding of the course material. The course effectively equipped students with essential research and communication skills, preparing them for academic and professional research endeavours.

Total no of beneficiaries: Students: 33 (Males:4; Females:)

IN-CHARGE
Dept. of Biotechnology



Reshma Zakane

Dr. Reshma Zakane
(Course coordinator)

Mrunal Phadke

Mrs. Mrunal Phadke
(Dept In-charge)

IN-CHARGE
Dept. of Biotechnology

[Signature]

Principal
Dempo Charities Trust
Dhempe College of Arts & Science
Panaji - Goa