

Research & Development Cell

Research Discussion Series



Research and Development Cell organized a Research Discussion Series on 4th July, 2025 in the Computer Lab from 1:05 to 2:05 pm. The session began with a welcome address by Principal, Prof. Dr. Rajendra Kumbharjuvenkar. Prof. (Dr.) Jhimli Adhikari presented her recent scopus indexed journal publication titled “**Leveraging Book Genre Classification using Machine Learning**” which was well received by the audience. Mrs. Soniya Chodankar, a member of R & D cell, proposed vote of thanks. The session was attended by 16 faculty.

Research Methodology and Literature Search

PRAYoG

Phase-I



A special session on “**Research Methodology and Literature Search**” was organized for the T.Y.B.Com students on Saturday, 27th September at 10 am at college seminar hall. The objective of the session was to familiarize students with the fundamentals of research, systematic approaches to data collection, and effective techniques for literature review.

The session was conducted by Prof. (Dr.) Mahesh Majik from RDI cell, Directorate of Higher Education, Goa. He highlighted the importance of research in academic and professional growth. The resource person explained the key steps involved in research methodology, including problem identification, formulation of objectives, hypothesis framing, data collection and analysis. Emphasis was laid on the role of ethical practices in research and the necessity of maintaining originality.

A major part of the session focused on literature search techniques. Students were introduced to various academic databases, e-journals, and open educational resources. Practical tips were given on how to identify relevant sources, use keywords effectively and evaluate the credibility of references. The session also covered citation methods and the importance of avoiding plagiarism.

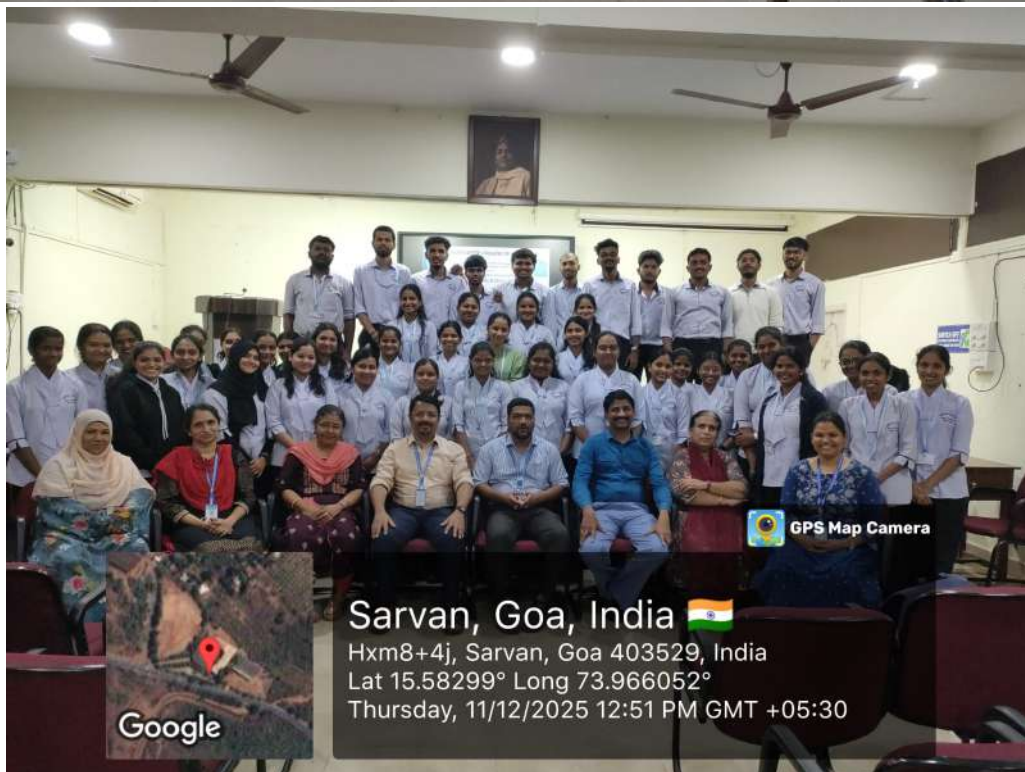
The session was highly interactive, with students actively participating in discussions and clarifying doubts regarding projects. The practical demonstrations on searching academic resources were particularly appreciated by the participants.

In conclusion, the session proved to be insightful and beneficial for the T.Y.B.Com students. It not only enhanced their understanding of research methodology but also equipped them with essential skills to conduct literature searches effectively. The knowledge gained will help them in undertaking academic projects and future research endeavors. Total 87 T.Y. B.Com students (46 girls and 41 boys) and 17 faculty members attended the session.

Research Methods and Data Analysis

PRAYoG

Phase-II



A special session on “**Research Methods and Data Analysis**” was organized for the T.Y.B.Com students on Saturday, 11th December at 11 a.m at college seminar hall. The objective of the session was to familiarize students with the fundamentals of research, systematic

approaches to data collection, designing of questionnaire and effective techniques for data analysis.

A training session on Research Methods, Questionnaire Designing, and Data Analysis using Jamovi was conducted by Lt. Vaibhav Dhuri, Assistant Professor at Narayan Zantye College of Commerce, Bicholim. The session introduced students to the essential elements of designing a scientific and ethical questionnaire, including defining the target population, selecting appropriate items, ensuring reliability and validity, and conducting pilot testing. Participants also received hands-on guidance on using Jamovi, a free and user-friendly statistical software built on the R engine, to perform key analyses. The programme aimed to enhance research skills among students and equip them with practical tools for conducting data-driven academic projects.

In conclusion, the session proved to be insightful and beneficial for the T.Y.B.Com students. It not only enhanced their understanding of research methodology but also equipped them with essential skills to analyse data effectively. The knowledge gained will help them in undertaking academic projects and future research endeavors. Total 50 T.Y. B.Com students (38 girls and 12 boys) and 11 faculty members attended the session.

Climate Change and Sustainable Technologies





Research and Development Cell of Narayan Zantye College of Commerce has organized a Lecture session on **“Climate Change and Sustainable Technologies”** in association with Directorate of Higher Education on Saturday, 10th January, 2026 at 10:00 am in College Seminar Hall. The session was a part of “Vidnyan Dhara, 2026”, a mega science series programme in educational Institutions by DHE and Goa State Higher Education Council. The session aimed to sensitize students and faculty about the impact of climate change and the role of sustainable technologies in mitigating environmental issues. Resource person of the workshop was Shri Ganesh Chari, Founder and Managing Director, Neshaju Envirotech Pvt. Ltd. Bangalore.

At the outset, the Chairperson, Research and Development Cell of the College, Prof. (Dr.) Jhimli Adhikari welcomed and introduced the speaker and this was followed by the address of Principal, Prof. (Dr.) Rajendra Kumbharjuvenkar.

Mr. Chari, an expert in environmental science and sustainable development, delivered an insightful talk on the causes and consequences of climate change. The speaker explained how human activities such as deforestation, excessive use of fossil fuels, and industrial pollution contribute significantly to global warming and climate imbalance. The session also focused on various sustainable technologies, including: Renewable energy sources such as solar, wind, and bioenergy, Green building technologies, Electric vehicles and sustainable transportation, Energy-efficient systems and smart technologies and Waste management and recycling solutions.

The resource person emphasized that adopting sustainable technologies is essential for reducing carbon emissions and achieving long-term environmental sustainability. The session concluded with a vote of thanks delivered by Mr. Ramchandra Surlekar, HOD of Commerce, who expressed gratitude to the speaker for sharing valuable insights and to the participants for their enthusiastic involvement. The event proved to be highly informative and inspiring, motivating students to become environmentally conscious citizens and advocates of sustainable development. Overall, the session on “Climate Change and Sustainable Technologies” was significantly contributed to increasing awareness and responsibility towards protecting our planet.

This session was organised to celebrate National Science Day. A total of 81 students (31 boys and 50 girls) and 4 faculty members were present for the session.

Orientation Session: Applied Social Research Internship Program



An orientation session on the Applied Social Research Internship Program, jointly designed by the Goa State Research Foundation (GSRF) and the GDP Foundation, was conducted for faculty members on 9th February, 2026 in the college board room at 10 am. The session aimed to familiarize faculty members with the structure, objectives, and implementation framework of the internship program.

The program began with an overview of the initiative, highlighting its purpose of promoting applied social research and community-based engagement. During the presentation, Mr. Kishore Shah, GDP Foundation outlined the course of action, objectives of the program, operational processes, and expected learning outcomes. Emphasis was placed on how the internship

encourages students to engage in real-world social research, develop analytical skills, and contribute meaningfully to society. Professor Savio Falleiro, Managing Director, GSRF and Professor Prof. Malapati K Janarthanam, Chairperson, GSRF explained the procedural aspects, evaluation mechanisms, and collaborative opportunities available to institutions.

The session was interactive, with faculty members actively participating in discussions and seeking clarifications regarding execution, supervision, and involvement of student. The orientation provided a clear roadmap for adopting the program and emphasized the importance of interdisciplinary collaboration and socially relevant research.

Overall, the session was informative and constructive, equipping faculty members with a comprehensive understanding of the Applied Social Research Internship Program. It opened avenues for meaningful academic engagement and strengthened the link between research, education, and community development.

Meeting on “Sensing My Village” Under Applied Social Research



An orientation session on the Applied Social Research Internship Program, jointly designed by the Goa State Research Foundation (GSRF) and the GDP Foundation, was conducted for students and faculty members on 4th March, 2026 in the college seminar hall at 12 noon. The session aimed to form student cohort with faculty supports to undertake the “Sensing My

Village” exercise from 4th to 10th March, 2026 by observing, listening and capturing real voices and emerging patterns.

During the meeting, Mr. Kishore Shah, GDP Foundation outlined the course of action, objectives of the program, operational processes, and expected learning outcomes. Survey questionnaire was distributed and 4 student cohorts were formed and each cohort was guided by faculty member. The meeting was interactive, with faculty members actively participating in discussions and seeking clarifications regarding execution, supervision, and involvement of student. The orientation provided a clear roadmap for adopting the program and emphasized the importance of interdisciplinary collaboration and socially relevant research.

Prof. Dr. Jhimli Adhikari
Chairperson
Research & Development Cell