



ST. XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2025-26

Name of Activity	NLP with reference to the Konkani Language
Date/ Duration	25 th February 2025 (1 Hour)
Venue	Seminar Hall
Name of organizing Department/Cell	Computer Science Department and Konkani Department
In collaboration with	
Name/s of Faculty Co ordinator	Mr. Edwin D'Souza, Mr. Dharma Chodankar
Stratum of Event	State
Name & details of Resource Person/s if any	Dr. Annie Rajan, Head of Department (Computer Science), Dhempe College of Arts and Science, Miramar
Report	A talk titled “NLP with reference to the Konkani Language” was organized for the students of First Year, Second Year and Third Year B.A Konkani and B.Sc. Computer Science students with the objective of introducing students to the fundamentals of Natural Language Processing with reference to the Konkani Language. The session was conducted by Dr. Annie Rajan whose major research area is Natural Language Processing, Low Resource Language technologies and educational innovation. She began the session by introducing the students to the fundamentals of Natural Language Processing using Konkani Language as the reference language. She emphasized that there are many Government funded projects having various research problems that students could pursue as these problems have not been explored in the Konkani Language. She explained brief the various stages of the process of NLP such as POS Tagging, Tokenization, Morphology and Sentiment Analysis. She suggested that both Computer Science and Konkani students could form collaborations and work on smaller projects over these topics as part of research. She demonstrated through various examples the translation of English to the Konkani Language the issues one would face during the translation process for a computer to understand. This is where students could find research projects to work on. Her journey during her Ph.D. work where by she faced many challenges during the collection of data to the building of the application A key highlight of the talk was that research projects can obtain copyrights. She demonstrated her own work called ‘Audio Pustakam’, a web-based application on the educational content in

	Konkani Language for Class I to IV. Further, she demonstrated her work in partnership with a tech company and also her project collaborations being present on GIT Hub. She concluded the talk by emphasizing that students can apply the NLP techniques on other Indian languages that are on the verge of extinction as language remains as one of the cultural identities of a region. The preservation of language in the digital is most vital.
Brochure/Poster	NA
Photographs	NA
List of participants with signatures	NA
Certificate	NA