



ST. XAVIER'S COLLEGE, MAPUSA GOA
Report of Activity conducted in the Academic Year 2025-26

Name of Activity	National Level Seminar on Artificial Intelligence: Exploring Inter-Disciplinary Applications in Physical and Computational Sciences
Date/ Duration	3rd and 4th March 2025
Venue	St. Xavier's College, Mapusa
Name of organizing Department/Cell	Department of Physics, Mathematics, Computer Science, Electronics and Bachelor of Computer Application
In collaboration with	
Name/s of Faculty Co ordinator	Dr. Manoj Salgaonkar (Convenor) Ms Sandra Fernandes(Co-Convenor)
Stratum of Event	National level
Name & details of Resource Person/s if any	Prof. K. Muralidharan, Dept of Statistics, Maharaja Sayajirao University of Baroda, Gujarat Mr Dattaprasad Naik, Director and Co-Founder , PuroIndia Global Healthcare Ltd Dr. Shitala Prasad, Assistant Professor, Computer Science and Engineering, IIT, Goa. Dr. Ramesh Kumar, Chief Scientist(Retd), NIO, Goa Dr. Satyanath Bhat, Assistant professor, Computer Science and Engineering, IIT, Goa
Report	<p>The two-day National Seminar on “Artificial Intelligence: Exploring Inter-disciplinary Applications in Physical and Computational Sciences”, was organized by the Department of Mathematics, Physics, Electronics, Computer Science, and Computer Applications in collaboration with the IQAC, St. Xavier's College.</p> <p>The event commenced with an Inaugural Ceremony. The gathering was graced by distinguished dignitaries, including the Chief Guest, Prof. Rajendra Gad, renowned for his contributions to the field of Computer Science, along with Rev. Fr. Antonio Salema, Administrator of the College, Principal Prof. Filip Rodrigues e Melo, and Vice Principal Ms. Sandra Fernandes. Faculty members from various departments, invited guests, and students were present in large numbers.</p> <p>Rev. Fr. Antonio Salema delivered the welcome address, highlighting the significance of exploring Artificial Intelligence from an interdisciplinary perspective. He emphasized the growing relevance of</p>

	<p>AI in academic research and industry and encouraged students to actively engage with emerging technologies.</p> <p>Principal Prof. Filip Rodrigues e Melo, in his address, acknowledged the collaborative efforts of the organizing departments and IQAC in bringing together experts from diverse fields. He stressed the need for educational institutions to serve as platforms for such intellectual exchanges, especially on topics with far-reaching academic and industrial impact like Artificial Intelligence.</p> <p>The keynote address by Prof. Rajendra Gad provided an insightful overview of the evolution of AI and its current applications across physical sciences, computational sciences, and beyond. He emphasized the importance of interdisciplinary research in unlocking the full potential of AI and encouraged young researchers to pursue innovation with responsibility and ethical considerations.</p> <p>The technical sessions commenced immediately after the inaugural ceremony. Eminent speakers from reputed institutions delivered talks on various aspects of AI, ranging from machine learning and data science to AI applications in physics, electronics, and mathematics. The sessions offered participants a deeper understanding of AI tools, algorithms, and their practical implications across disciplines.</p> <p>Day two featured paper presentations by researchers, faculty, and students. The presentations reflected a wide spectrum of AI applications, including predictive analytics, image processing, AI in materials science, and mathematical modeling. These sessions provided a platform for young researchers to share their work and receive valuable feedback from experts.</p> <p>Interactive discussions followed the presentations, fostering dialogue among participants and speakers. The seminar concluded with a valedictory session, where certificates were distributed to participants. The organizing committee expressed gratitude to all speakers, participants, and collaborators for contributing to the success of the event.</p> <p>The seminar successfully fulfilled its objective of promoting interdisciplinary dialogue and research in Artificial Intelligence, leaving the participants enriched with new knowledge and perspectives.</p>
Brochure/Poster	NA
Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/07/Photo1.pdf
List of participants with signatures	NA

Certificate	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/07/certificate-4.pdf
Feedback	N of participants = 107