



## ST. XAVIER'S COLLEGE, MAPUSA GOA

College with Potential for Excellence  
 Re accredited by NAAC with A Grade  
 Awarded DBT STAR College Scheme

<b>Nature of Event</b> (Workshop, Guest Lecture, Add-on Course, Seminar, etc.)	Student Activity
<b>Name of Department</b>	Microbiology
<b>Faculty In-charge</b>	Dr. Trelita de Sousa
<b>Stratum of Event</b> (College, State, Regional, National)	College
<b>Title of Event</b>	Journal Club 2024
<b>Date of the Event</b>	16 <sup>th</sup> March, 2024
<b>Venue</b>	Seminar Hall, St. Xavier's College, Mapusa
<b>Resource Person details</b>	Not Applicable
<b>Objective/ Scope of Event</b>	The Journal Club is designed to keep students abreast of new knowledge, promote their awareness of current research findings, and teach them to critically analyse scientific evidence. The main purpose of the Journal Club is to inculcate the habit of scientific reading and discussion amongst students.
<b>Particulars of Event</b>	Twelve T.Y.B.Sc. students presented and scientifically discussed recent research papers and review articles published in reputed high-impact factor journals in front of a panel of experts constituting Dr. Varada Damare (Goa University), Dr. Sheryanne Velho-Pereira (St. Xavier's College), Ms. Nadine de Souza (St. Xavier's College, and Dr. Alisha Malik (St. Xavier's College). Team 1 comprising Ms. Anisha Silveira, Ms. Riya Gawas, and Ms. Kelly Dias presented a paper titled, "Soil microbiome indicators can predict crop growth response to large scale inoculation with arbuscular mycorrhizal fungi" published in the journal "Nature Microbiology". Team 2 comprising Ms. Walusha Silveira, Mr. Assad Shaikh, and Ms. Divyanka Borkar presented a paper titled, "IgY antibodies: The promising potential to overcome antibiotic resistance" published in the journal "Frontiers in Immunology". Team 3 comprising Mr. Kshitij Kumar, Ms. Tanaya Amonkar, and Ms. Megan Menezes presented a paper titled, "Formulation and evaluation of probiotic properties of Lactobacillus with antimicrobial activities" published in the journal "International Journal of Drug Delivery Technology". Team 4 comprising Ms. Magdalene Carvalho, Ms. Jazlynn D'Souza, and Ms. Sydelle Pereira presented a paper titled, "Gut microbiota in anxiety and depression: Unveiling the

	relationships and management options” published in the journal “Pharmaceuticals”. The audience comprised both faculty members and students.
<b>Outcome of Event</b>	The Journal Club provided a platform for the students to demonstrate and refine their presentation skills. It helped promote scientific reading and discussion amongst the students and faculty members.
<b>Feedback</b>	The entire event was a very informative, interactive, enriching, and scientifically satisfying experience for both the presenters and the audience.
<b>Total No. of Participants</b>	84
<b>Photographs</b>	 <p>The photographs show a journal club event in a well-lit room with red curtains and a stage. The top photo captures a woman in a white shirt presenting at a podium, with an audience of students and faculty members seated in white chairs. The bottom photo shows a man in a white shirt presenting at a podium, with an audience seated in front of him. Both photos include a GPS overlay with the following information: Mapusa, Goa, India; HRX5+56M, near Xavier college, Mapusa, Goa 403507, India; Lat 15.597933°; Long 73.807999°; 16/03/24 09:51 AM GMT +05:30. The bottom photo also includes a Google logo and a timestamp of 16/03/24 10:19 AM GMT +05:30.</p>

