ST. XAVIER'S COLLEGE, MAPUSA GOA

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Nature of Event (Workshop, Guest Lecture, Add-on Course, Seminar, etc.)	Webinar Series
Name of Department	Computer Science
Faculty In-Charge	Mr. Edwin D'Souza, Ms. Sandra Fernandes
Stratum of Event (College,State, Regional, National)	College
Title of Event	Power Platform
Date of Event	11th May, 2022
Venue	Computer Science Lab St. Xavier's College, Mapusa
Resource Person details	Ms. Lee-ann Dias , Partner strategy lead for Cybersecurity, Microsoft , Sydney , Australia
Objective/Scope of Event	To develop apps using Microsoft Power Apps
Particulars of Event	The session began with an introduction of the resource person by our S.Y.B.Sc, Computer Science student Mr. Kevin D'Mello. Ms. Lee-ann gave a brief background about herself and mentioned that it was a privilege for her to conduct this session for the first , second and third year computer science students as she was also a Computer Science student of St. Xavier's College.
	After the introduction Ms. Leeann Dias started her presentation on low code application development. She said that the reason for choosing this topic was to make the students aware of the importance of low code application development and the massive opportunity it will bring to the students in the next coming years. She mentioned that in Microsoft they are going to develop approximately 500 million applications by the year 2023 which are much more than the number of applications that were developed in the last 14 years, hence it will be a massive opportunity to scale the applications. She told the students that companies require mobile applications and on an average each mobile applications has 40000 lines of code (LOC) and there are not enough developers to build these 500 million applications as compared to applications like Google cloud base which has around 2 billion lines of code and hence

	there is a need to make coding available to users who are not as proficient as the computer science students. Ms. Leeann thus stated the importance of low code application development. She also assured the students that low code application development does not take away the requirements for coding and that it still requires coding since low code applications development cannot do a lot of things that a computer science coder would be able to do. After speaking about the importance and need for low code application development Ms. Leeann started with the demonstration of Microsoft developer power apps. Initially she gave the students a walkthrough of the interface of power app and then showed to create a canvas app. Under the creation of canvas app Ms. Lee-ann showed the students to give a name to the canvas app, choose the format (tablet or phone) and to insert a label on the app screen. She then showed to use the formatting tools and various properties of a particular component. Ms. Lee-ann showed referencing multiple components together, adding the data tables, inserting gallery component and connecting the data source to the gallery component. After showing the students the creation of canvas app Leeann gave a brief introduction to AI with help of an example and providing a list of machine learning algorithms developed by Microsoft that makes building AI solutions easier. Ms. Lee-ann then demonstrated the following AI (Artificial Intelligence) apps which she had already developed. 1. An image recognition app which would capture a live image and describe the captured image with certain tags associated with that image. 2. A Business Card Reader which captured a business card through camera and gave the description present on the business card. 3. Object detection app which detects the number of times a particular object appears in the image. The webinar was concluded with an interactive question and answer session and vote of thanks.
Outcome of Event	Participants know to develop Power Apps
Feedback	Good.

Total No. of Participants	12

Photographs :