**ST.XAVIER'SCOLLEGE,MAPUSAGOA**

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| **Nature of Event** <br> (Workshop, Guest Lecture, Add-onCourse,Seminar, etc.) | Webinar Series |
| **Name of Department** | Computer Science |
| **Faculty In-Charge** | Ms. Sandra  Fernandes,  Mr. Edwin D'Souza |
| **Stratum of Event** <br> (College,State, Regional, National) | College |
| **Title of Event** | Introduction  to  Microsoft  Power  BI |
| **Date  of Event** | 7th May, 2022 |
| **Venue** | Computer Science Lab St.Xavier's College, Mapusa |
| **Resource Person details** | Mr.Selwyn D'Souza, Senior Consultant Scientist, SYSDOC  &  Business  Intelligence Analyst, Fonterra , Auckland, New Zealand |
| **Objective/Scope of Event** | Introduce  students  to Data  Analysis tools |
| **ParticularsofEvent** | Vice Principal Ms. Sandra Fernandes gave  a  brief  introduction  of  the  resource person  Mr.Selwyn D'Souza  for the  first  session of   webinar  series. As  Selwyn took over  the  session  he  talked about his  journey  to  his present job  as a Business Intelligence Analyst in Newzealand, about his  first  job  as a web  developer  in Mumbai  and  his  migration  to  Newzealand. He  spoke about  the various job  descriptions  he  has  handled  viz. Web designer/ Game developer, E-learning  developer, 3-D animator  and  video  editor, Sharepoint  developer and  data scientist. He  introduced  Power  BI as part  of  the  Office 365 platform  of Mictrosoft  and  how it helps organisations  using data  driven  insights  to  make  informed decisions. He demonstrated  how Power  BI  can  take  data from  different  sources  and  puts  them  together, data  like SQL, Sharepoint. He  advised students  to  be  good  SQL queries as  it would  be  very  handy  experience  if  they choose a  data  analysts  job later  in their  career.   He demonstrated  how data can be taken  from everywhere viz. cloud  services,  sharepoint, one drive,  excel  etc   and  put |

| | together in one place. |
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| | Selwyn explained the stages for creating a report or a dashboard viz. source, ingest, transform, model and report. Next Selwyn explained the agile approach a step by step approach in iterations he uses at his workplace. He demonstrated the various views in Power BI viz. Power Query View, tools to transform data, the query pane. Next He explained the difference between dataflow and dataset, power query. He demonstrated visualisations, dashboards with some simple but inciteful examples using fake data. |
| | The resource person Selwyn D'Souza summarised the session by going through the steps to prepare the dashboards. He shared web resources to learn Power BI which are free to access. Vice Principal Ms. Sandra Fernandes thanked Selwyn for accepting the invite from the college on a short notice and deliver the session on Power BI. |
| **Outcome of the Event** | Participants are able to integrate basic Power BI in Microsoft Excel and prepare dashboards. |
| **Feedback** | Good. |

| Total No. of Participants | 21 |
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**Photograph**