

Stella Maris College (Autonomous) Chennai
Internal Quality Assurance Cell (IQAC)

A Hands-on Workshop on Advanced Excel: The Data Analytics Way | 26 July 2023
Report

The Internal Quality Assurance Cell (IQAC) of Stella Maris College organised a hands-on workshop on Advanced Excel: The Data Analytics Way in association with the Department of Computer Science, Stella Maris College (Autonomous), IOA and ISDC. The workshop was held in Lab 1, Sancta Sofia (SS) Block, Third Floor on 26 July 2023 from 9 am to 4.30 pm.

STELLA MARIS COLLEGE
(AUTONOMOUS), CHENNAI, INDIA

The Internal Quality Assurance Cell (IQAC)

IOA | Institute of Analytics
The Global Body for Analytics

COMPUTER SCIENCE
2013-2018

ISDC
Build for Tomorrow

Stella Maris College (Autonomous), Chennai
The Internal Quality Assurance Cell (IQAC) and
Department of Computer Science

In association with
Institute of Analytics (IOA) and
International Skill Development Corporation (ISDC)
organise

A Hands-On Workshop On

WORKING WITH

ADVANCED EXCEL

THE DATA ANALYTICS WAY ♦ ♦

26 July 2023 | 9 am to 4.30 pm
Lab 1 | Sancta Sofia (SS) Block, Third Floor

Resource Person
Mr. Imran Wadkar
Faculty, ISDC, Bengaluru & Member, IOA, UK

Registration Fee: Rs. 500 | Limited Registrations Only
e-Certificate, Refreshments & Lunch will be provided.

To Register <https://tinyurl.com/SMCAdvancedExcelWorkshop>

A Hands-On Workshop On

WORKING WITH

ADVANCED EXCEL

THE DATA ANALYTICS WAY ♦ ♦

Topics to be Covered

- Introduction
- Tables
- Charts and 3D Charts
- Conditional Statements and Formatting
- Pivot Table and Pivot Chart
- Tips and Tricks for Data Entry
- Dashboarding and Reporting
- Data Analytics and Statistics using Excel

Workshop Invite

This programme was open to outside participants and also was attended by MQC faculty members from Shift I and Shift II of the College. The workshop began with Ms. Janet Sabina X., Assistant Professor, Department of Chemistry and IQAC Core Member, invoking God's blessings through a prayer. Dr. Rebecca Devaprasad, Assistant Professor, Department of Economics and IQAC Coordinator, then introduced the resource person Mr. Imran Wadkar and handed the session over to Mr. Imran Wadkar.



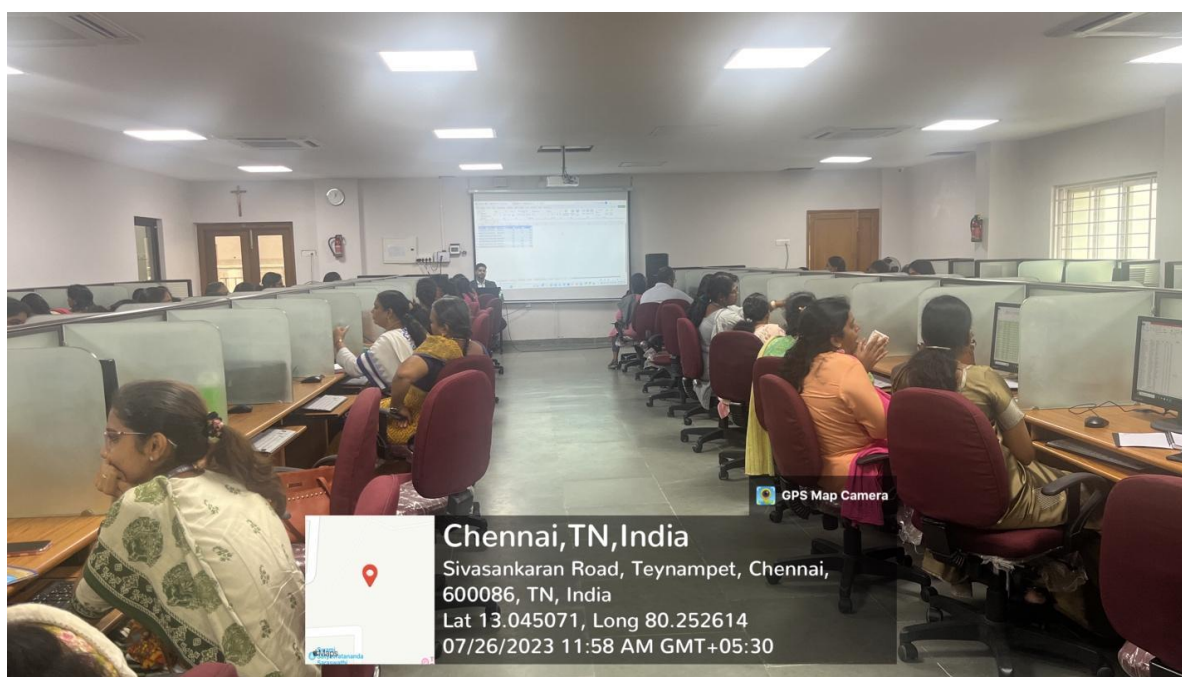
Dr. Rebecca Devaprasad, IQAC Coordinator introducing the resource person, Mr. Imran Wadkar

Mr. Wadkar started with an introduction to some of the uses of Microsoft Excel in our everyday life. He then continued with explaining the MS-Excel work area and related terms. Sample data were given to all the participants to work along with Mr. Wadkar. Basic Excel functions such as =sum(), =average(), =count(), =max(), =min() etc. were taught. This was followed by advanced functions such as =sumif(), =averageif(), =vlookup(), =textjoin() which are imperative in basic data analytics.



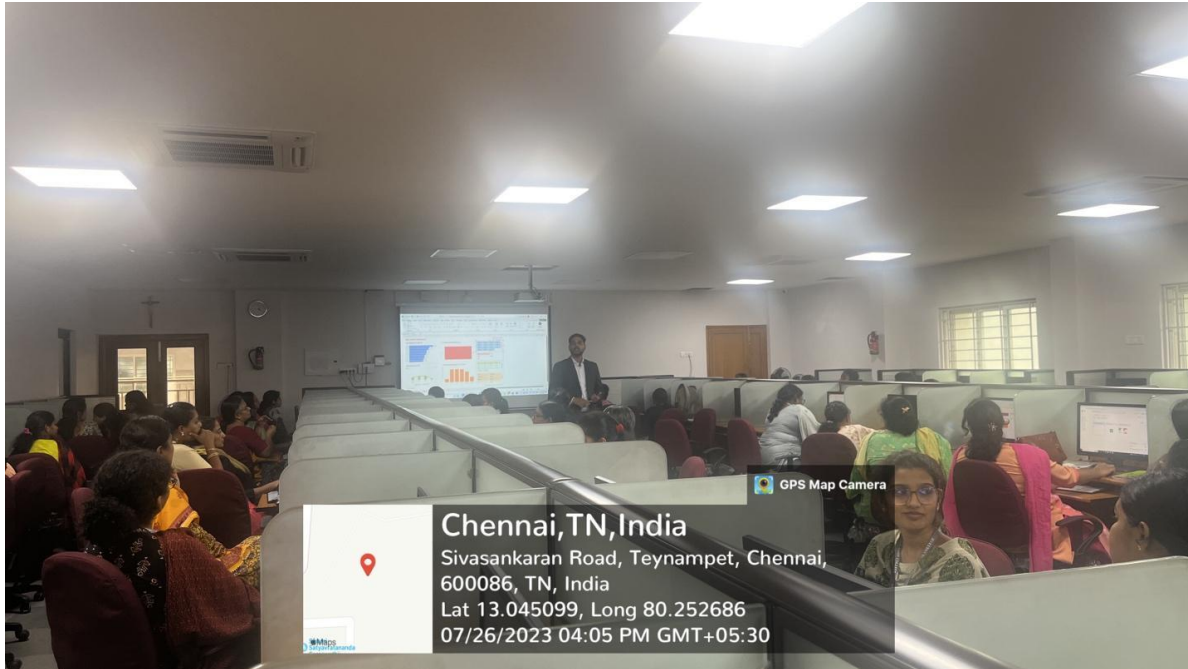
Participants During Session I

A detailed explanation of most of the date functions such as =today(), =now(), =date() were also covered. Mr. Wadkar also showed a demo on how to incorporate ChatGPT Engine using the official API from OpenAI website. This feature allows the users to ask doubts related to Excel to ChatGPT for quick answers. Another important topic covered in the session was data validation of cells. Other general topics relating to Page Layout, Forms were also covered.



Participants During Session II

A detailed dataset was also provided to the participants to convert into a Table and apply table related functions such as Slicing, Pivot tables, 2D and 3D charts with live data mapping, plotting histograms, applying data filters, generating descriptive statistics such as correlation etc. were covered in detail. In the post lunch session, various statistical techniques were taught. Creating Dashboards for our data was also taught to the participants to gain quick insight into the data present.



Participants during Session III

The session concluded with Dr. Faustina Joan S. P., Assistant Professor, Department of Computer Science and IQAC Core Member, providing the vote of thanks. The feedback was collected from all the participants.
