



# A. J INSTITUTE OF ENGINEERING & TECHNOLOGY, MANGALURU

(A Unit of Laxmi Memorial Educational Trust ®)

(Approved by AICTE, Affiliated to Visvesvaraya Technological University, Belagavi)

Accredited By NBA (BE: CV, CSE, ECE, ISE & ME)

Date: 13-04-2023

## Report on “Hands on Session on Effective Presentation Using Spreadsheets for Tabulating Statistical Data”

Name of the Program:	<b>Hands on Session on Effective Presentation Using Spreadsheets for Tabulating Statistical Data</b>	Program Dates & Timings:	12-04-2023 09.30am-12.30pm		
Name & Details of the Resource Person:	Prof Anil B V, Associate Professor, KVG College of Engineering				
Organized by (Clubs/ Dept.)	Department of Computer Science and Engineering	In Association with (clubs)	-		
Number of Participants	51	Students	51	Faculty	-
Program Outcome (PO) Mapping	PO4,PO5,PO9,PO10, PO12,PSO2				
Coordinators	Mr. VijayKumar, Asst. Prof, Dept. of CSE				

### About the Program:

The Hands-On Session on “Effective Presentation Using Spreadsheets for Tabulating Statistical Data” aimed to equip participants with practical skills for leveraging spreadsheets to present statistical data effectively. The session focused on enhancing participants' ability to organize, analyze, and visualize data using spreadsheet software like Microsoft Excel or Google Sheets. This will help the students in representing and analysis of the project result and research metrics. The program was held on 12-04-2023, the resource person for the session was Prof Anil B V, Associate Professor, KVG College of Engineering , the co-ordinator for the session was Mr. VijayKumar, Asst. Prof, Dept. of CSE.

  
Principal  
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**The following were discussed:**

- Introduction to Data Organization
- Importance of clean and structured data
- Techniques for organizing data in spreadsheets
- Hands-on activity: Structuring a dataset for analysis
- Applying Functions and Formulas
- Overview of essential functions (SUM, AVERAGE, MEDIAN, STDEV, etc.)
- Using formulas for statistical analysis (e.g., correlation, regression)
- Hands-on activity: Calculating and interpreting statistical metrics
- Data Visualization Techniques
- Types of charts and graphs (bar charts, line graphs, scatter plots, etc.)
- Choosing the right visualization for different types of data
- Hands-on activity: Creating and customizing charts and graphs
- Designing Effective Reports

**Objectives:**

- Understanding Data Organization: Teach students how to structure data for ease of analysis and presentation.
- Utilizing Functions and Formulas: Demonstrate the use of key functions and formulas for statistical analysis.
- Creating Visualizations: Guide students in creating effective charts and graphs to represent data visually.
- Designing Professional Reports: Show best practices for formatting and presenting data in a clear and professional manner.

**Outcomes:** On successful completion of program of this session the student should able to:

- Create Effective Data Organization
- Develop Visualizations that have a impact on the proposed study
- Create Profession reports

**Articulation Matrix:**

Course Outcomes	Program Outcomes POs												PSOs of Dept. of CS	
	1	2	3	4	5	6	7	8	9	10	11	12	PSO 1	PSO 2
1				2	2				2	2		2		2
2				2	2				2	2		2		2
3				2	2				2	2		2		2
Average				2	2				2	2		2		2

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Photos:




Hands on activity on the usage of spreadsheets by Prof. Anil for the 2nd year CSE students



  
Coordinator

  
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