

Department of Computer Science

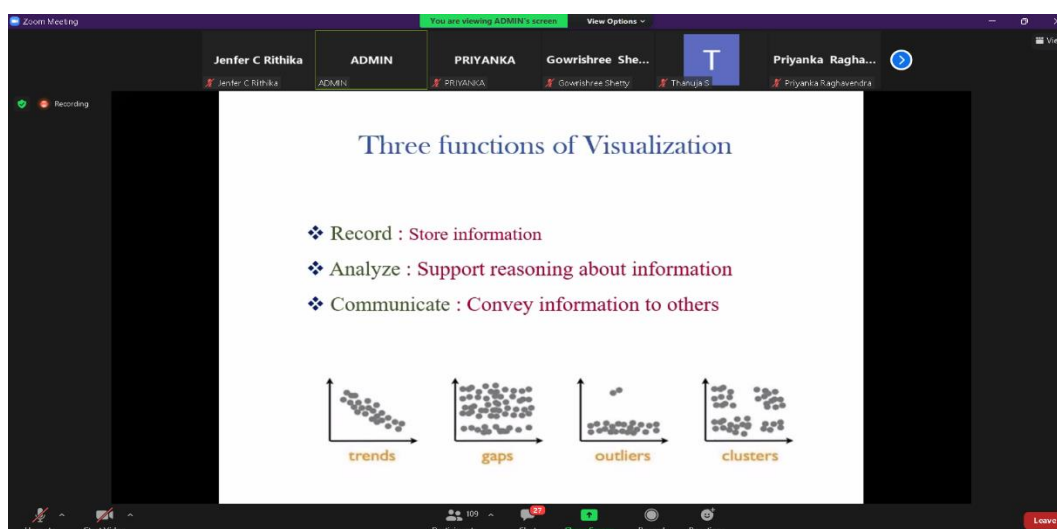
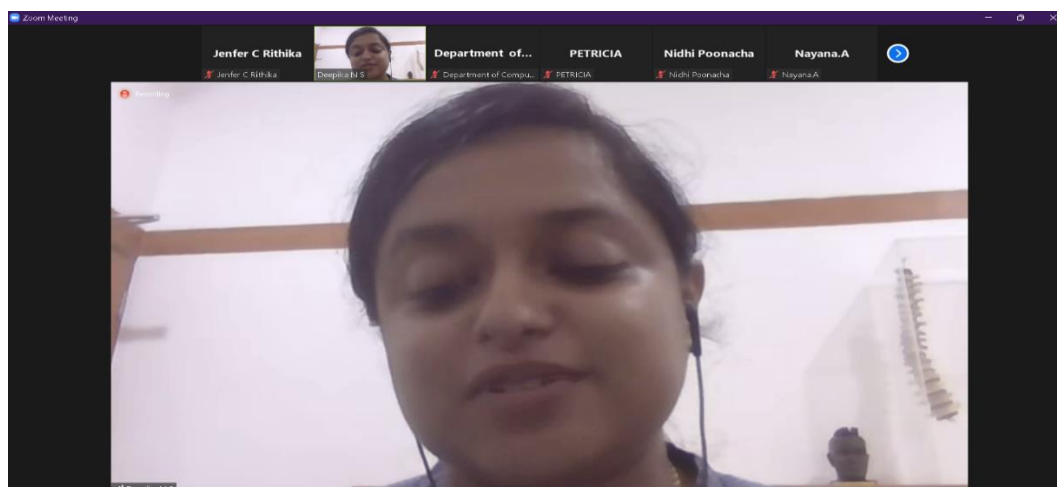
A Report on National Level Workshop on Platform for Collaboration and Development- GitHub and Data Visualization with Tableau

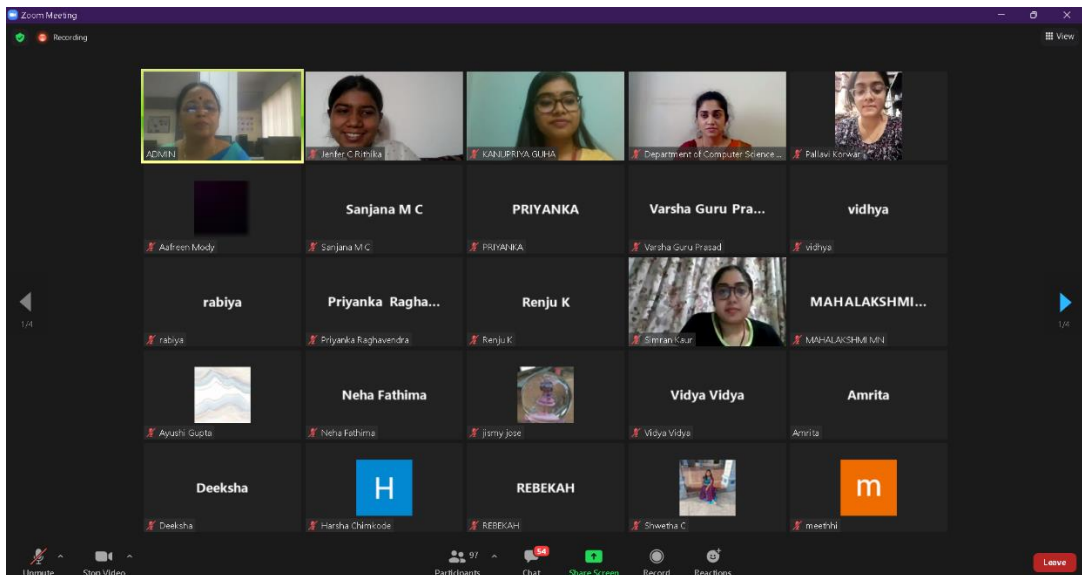
Date: 28-01-2022

Timing: 9:00 am to 5:00 pm

Platform: Zoom

The emcee of the event was Ms.Kanupriya Guha of 6 BCA. The program was started by invoking the Almighty's presence by bible words which was read by Ms.Jenfer Rithika from 6 BCA. Final Year BCA, Second year BCA, B.Sc and MCA students participated in the workshop. Students from other college and faculties of various esteemed universities also participated. Around 123 participants attended the workshop. The Welcome speech was addressed by the Head of the department Mrs. Renju K. Introduction of the first Resource person Ms. Deepika N.S, Research Scholar from Manipal Institute of Technology was given by Ms. Sumithra M of 6 BCA and followed by the first session. The first session was on GitHub which was quite interesting and efficient ended by 12:00 pm. The second session began at 1:30pm.The Introduction of the second Resource person Dr. Regina L Suganthi, Dean of Science(PG), Mount Carmel College, Autonomous was given by Ms.Priyanka of 6 BCA and followed by the second session. The second session was quite enlightening where we learnt practically about Tableau which was very useful. Ms.Sanjana M.C of 6 BCA ended the session with a vote of Thanks and the meeting ended at 5pm.





Git Workflow Diagram:

- Working Directory** (Red box)
- Staging Area** (Blue box)
- .git directory (Repository)** (Green box)

Workflow Steps:

- Checkout the project** (Arrow from Repository to Working Directory)
- Stage Fixes** (Arrow from Working Directory to Staging Area)
- Commit** (Arrow from Staging Area to Repository)
- Pull** (Arrow from Repository to Working Directory, labeled with a red 'X' and 'Changes')

Text on Slide:

If a particular version of a file is in the Git directory, it's considered **committed**.
 If it has been modified and was added to the staging area, it is **staged**.
 And if it was changed since it was checked out but has not been staged, it is **modified**.

Participants (115):

- MAHALAKSHMI MN
- Department of Co... (Host, me)
- Deepika N S
- Aafreen Mody

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Tableau Desktop (TD) Vs Tableau Public (TP)

	Tableau Public	Tableau Desktop
Cost	Free platform where anyone can create a data visualization	Starts at \$70 per user per month
Privacy	All visualizations created with TP are available to see for anyone in the Tableau Community and beyond	TD has privacy parameters to create projects with password protection or completely private
Visualization Tools	Quite powerful in itself	More tools and capabilities than TP
Data Sources	can only import Excel sheets and text files.	numerous data sources that can be integrated with the tool

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