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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Event Name	: Advanced Excel, Power BI, and Tableau
Date of Event	: 4th–8th August, 2025
Venue	: Alpha-Delta Seminar Hall, KSSEM
Number of participants	: 62
Targeted Audience	: V Semester, Dept of AI&DS.
Objective	: To equip students with practical proficiency in Advanced Excel, Power BI, and Tableau by covering the complete data workflow from acquisition and cleaning to modelling, visualization, and insight communication—enabling them to apply data-driven methods effectively in projects,internships, and early careers.

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Department of **Artificial Intelligence and Data Science** organized a workshop on **"Advanced Excel, Power BI, and Tableau"** focusing on hands-on data workflow practices—from data acquisition and cleaning to modelling, visualization, and dashboarding—to build practical analytics and reporting skills.

Workshop Objective:

- Advanced Excel: Develop the ability to structure datasets; use formulas, functions, PivotTables, and what-if analysis; perform data cleaning and transformation; and automate repetitive tasks to streamline analytical work.

- Power BI: Learn to connect to diverse data sources, build data models and relationships, create interactive dashboards with measures and KPIs, and publish/share insights that support decision-making.

- Tableau: Master best practices for visual encoding, create multi-sheet dashboards and stories, apply filters and parameters for interactivity, and communicate findings clearly to technical and non-technical audiences.

- Integration and Application: Apply a unified workflow that demonstrates how Excel preprocessing feeds into BI tools, emphasizing reproducibility, documentation, and presentation standards suitable for academic and pre-professional deliverables.
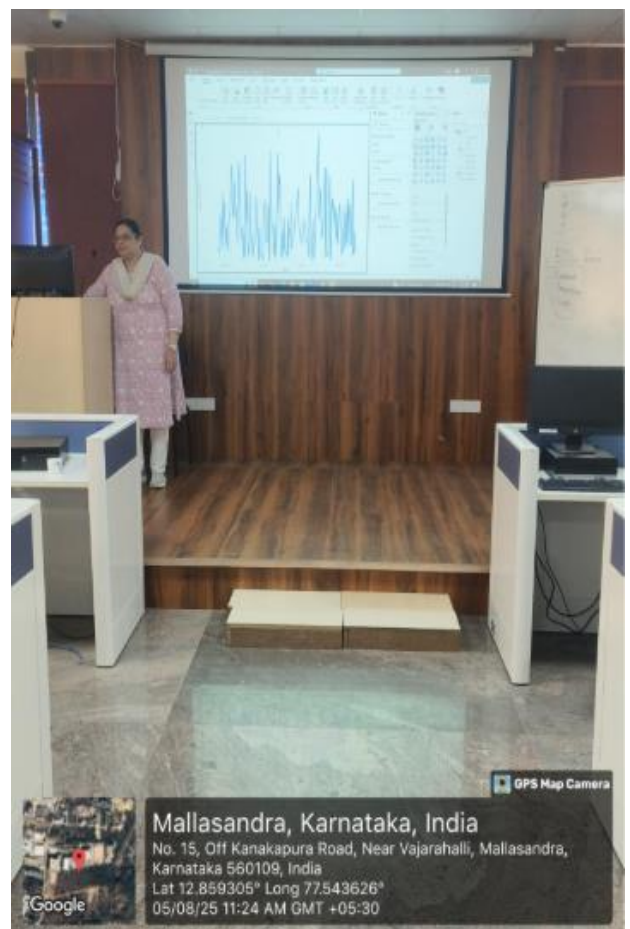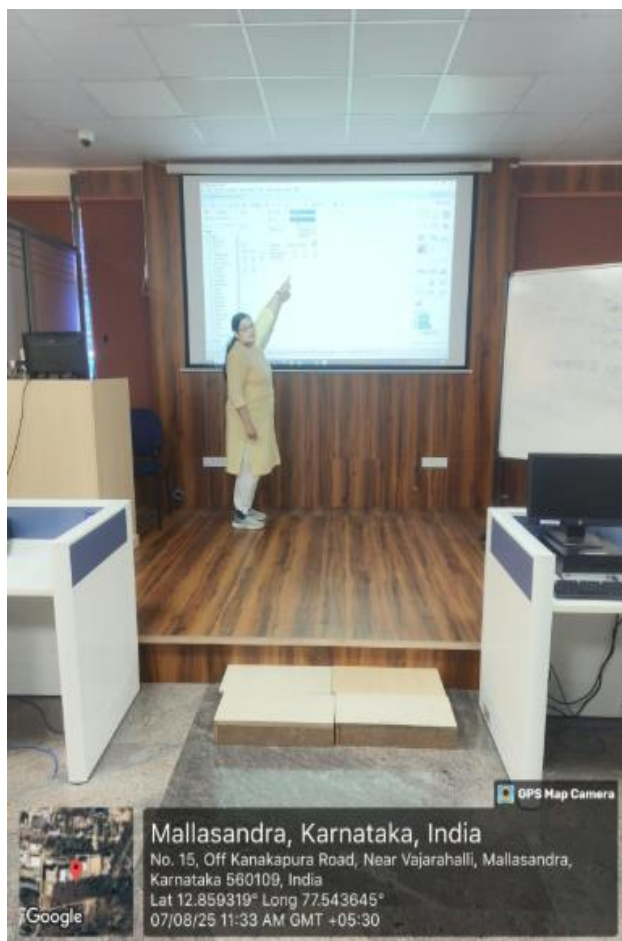
Resource Person:

Ms. Sakina Nemuchwala, an IT educator and corporate trainer with over 10 years of experience, has delivered 50+ trainings including 20+ in Data Analytics. She specializes in Data Warehousing, SQL, Python, and visualization tools such as Excel, Power BI, and Tableau. She has taught at leading universities in Germany and India and trained professionals at Deloitte, Infosol, and Simplilearn. Her projects span machine learning models, cloud-based pipelines, and interactive dashboards, reflecting a strong blend of academic and industry expertise.

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Feedback:

Students responded very positively to the workshop. Participants shared that the hands-on approach to Advanced Excel, Power BI, and Tableau greatly enhanced their practical skills. The interactive sessions and real-world applications provided by the trainer added immense value to their learning experience.

Glimpses of Workshop:

Mallasandra, Karnataka, India
No. 15, Off Kanakapura Road, Near Vajarahalli, Mallasandra, Karnataka 560109, India
Lat 12.859319° Long 77.543645°
07/08/25 11:33 AM GMT +05:30

Mallasandra, Karnataka, India
No. 15, Off Kanakapura Road, Near Vajarahalli, Mallasandra, Karnataka 560109, India
Lat 12.859305° Long 77.543626°
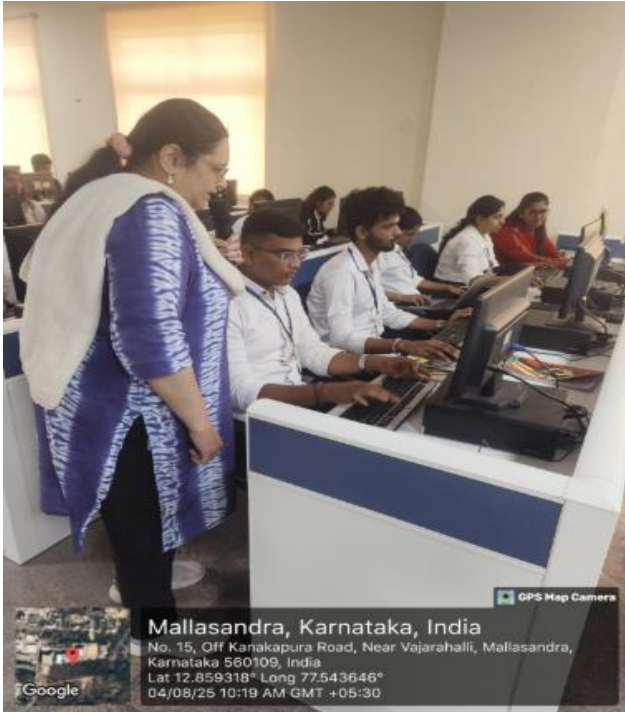05/08/25 11:24 AM GMT +05:30

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Mallasandra, Karnataka, India
No. 15, Off Kanakapura Road, Near Vajarahalli, Mallasandra, Karnataka 560109, India
Lat 12.859318° Long 77.543646°
04/08/25 10:19 AM GMT +05:30

Mallasandra, Karnataka, India
No. 15, Off Kanakapura Road, Near Vajarahalli, Mallasandra, Karnataka 560109, India
Lat 12.859325° Long 77.543646°
05/08/25 11:24 AM GMT +05:30

Mallasandra, Karnataka, India
No. 15, Off Kanakapura Road, Near Vajarahalli, Mallasandra, Karnataka 560109, India
Lat 12.859321° Long 77.543646°
08/08/2025 03:19 PM GMT +05:30

TECHNICAL COORDINATORS

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