

### GRAPHXPERIENCE USING LABVIEW

<b>Event No</b>	BM001
<b>Organizing Department</b>	Biomedical Engineering
<b>Date</b>	27/03/2024
<b>Time</b>	11:30 AM to 12:30 PM
<b>Event Type</b>	Workshop
<b>Event Level</b>	Dept. Level
<b>Venue</b>	Centre for Biosignal Processing
<b>Total Participants</b>	45
<b>Students - External</b>	45

#### Related SDG



#### Involved Staffs

Sl	Name	Role
1	Priya Darshini B	Coordinator
2	Allwyn Gnanadas	Coordinator

#### Outcome

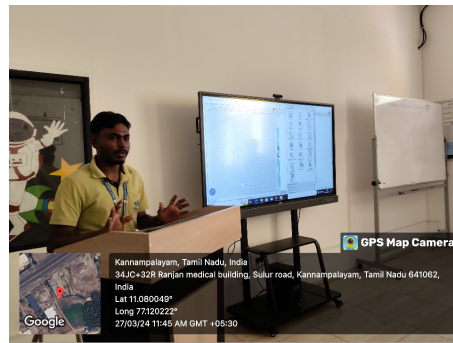
Participants acquired knowledge of different data analysis techniques available in LabVIEW and learned how to apply them to extract meaningful insights from data. The workshop enabled participants to create interactive graphical interfaces that allow users to explore and interact with data in real-time. Attendees gained insights into the applications of LabVIEW in research, industry, and academic projects, opening up new avenues for utilizing graphical data visualization techniques.

#### Event Summary

The workshop began with an introduction to LabVIEW software, highlighting its features, capabilities, and applications in data visualization and analysis. Participants engaged in hands-on sessions where they learned to create various types of graphs and charts using LabVIEW. These sessions included practical exercises and demonstrations to reinforce learning objectives. Attendees learned techniques for visualizing data in real-time, including plotting data points on graphs, customizing graph appearance, and adding annotations and labels. Through hands-on sessions, attendees were guided through the process of creating dynamic graphs, charts, and visual representations of data using LabVIEW's powerful graphical programming interface. The workshop emphasized the importance of data visualization in research, industry, and academic settings, highlighting its role in facilitating data analysis and decision-making processes. Post-workshop feedback highlighted the effectiveness of the sessions in enhancing participants' ability to visualize and interpret data effectively using LabVIEW. The workshop 'GraphXperience using LabVIEW' provided participants with valuable skills and knowledge in graphical data visualization and analysis using LabVIEW. The hands-on sessions, practical exercises, and demonstrations facilitated active learning and skill development, empowering attendees to apply these techniques in their respective fields of work or study.



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