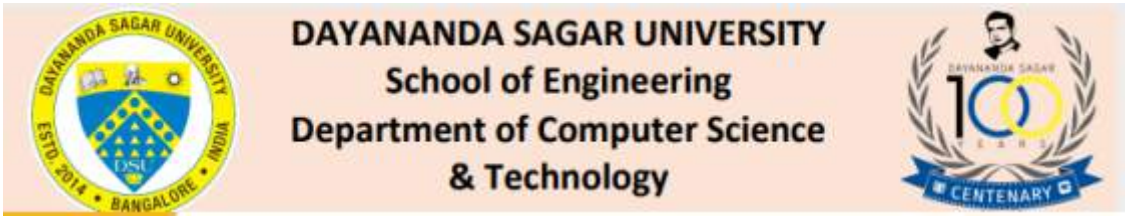


DAYANANDA SAGAR UNIVERSITY SCHOOL OF ENGINEERING

Department of Computer Science and Technology

Report of

VALUE ADDED COURSE:

"Application Development using R-Programming and Streamlit"

We are glad to inform you that the Department of Computer Science & Technology is Successfully completed the Value-Added Course on "Application Development using R-Programming and Streamlit" from 07/07/2023 to 18/08/2023, for 30 hours.

Resource Person: Dr. Santosh Kumar, Associate Professor, CST.

Objectives of the Course:

- **Understand** the fundamental syntax of R through readings, practice exercises, Demonstrations and writing R code.
- **Apply** critical programming language concepts such as data types, iteration, and control Structures, functions, and Boolean operators by writing R programs and through examples
- **Analyse** a data set in R and present findings using the appropriate R packages
- **Visualize** data attributes using ggplot2 and other R packages.
- Web application **development** using Shiny app and streamlit.

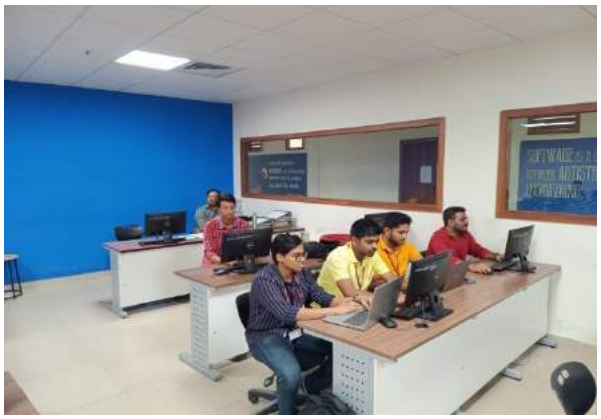
Outcomes of the Course:

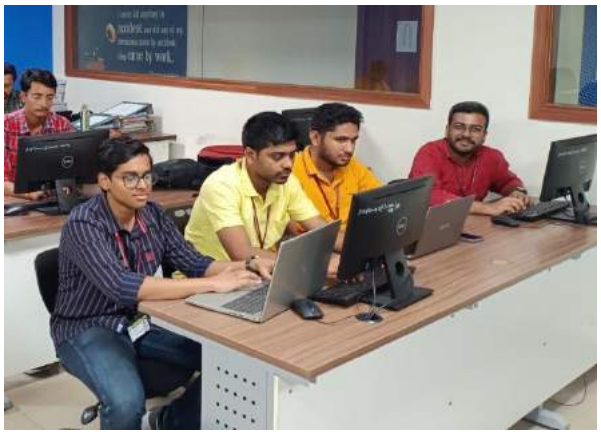
- Understand the fundamental syntax of R through readings, practice exercises, Demonstrations and writing R code.
- Apply critical programming language concepts such as data types, iteration, and control
- Structures, functions, and Boolean operators by writing R programs and through examples
- Analyse a data set in R and present findings using the appropriate R packages
- Visualize data attributes using ggplot2 and other R packages.
- Web application development using Shiny app and streamlit.

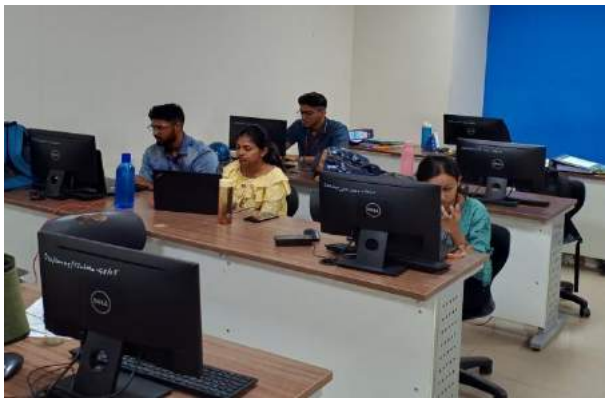
Students are able to build applications using R-language and streamlit, Total of 30 students registered for this course and completed the course successfully. 5 students have successfully completed the project using shiny and streamlit app.

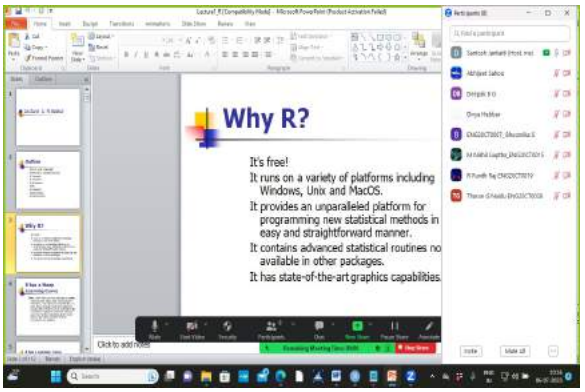
We have received a very good response from students.

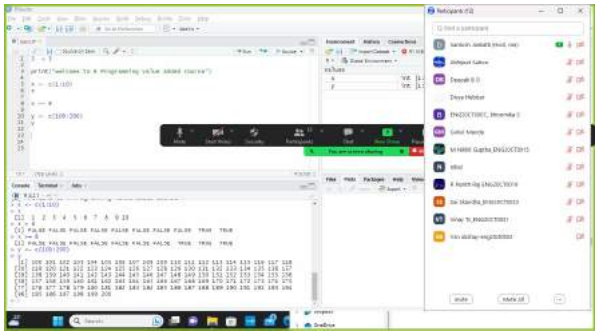
Screenshot of Value added class presentation:

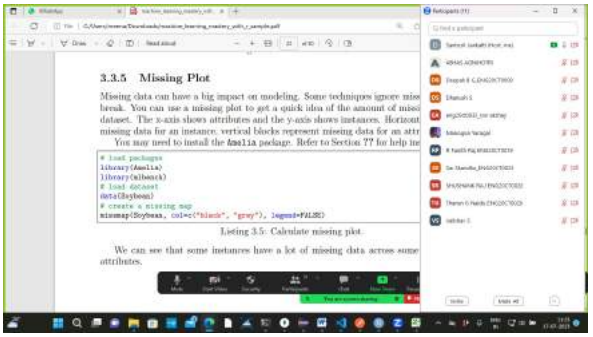


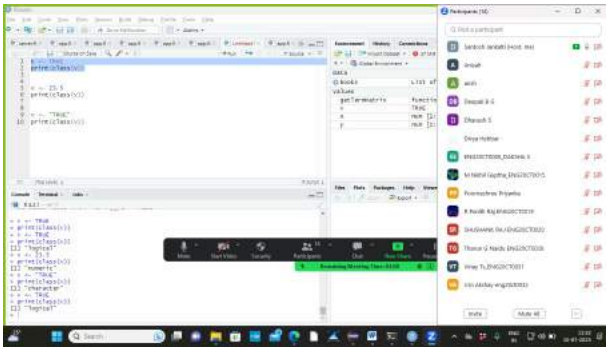


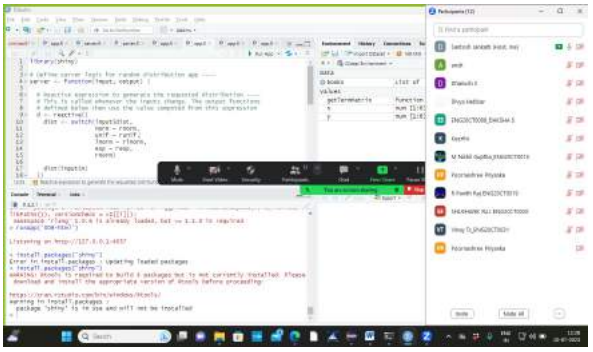


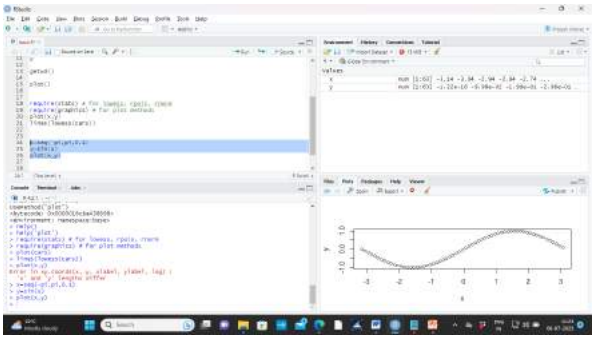


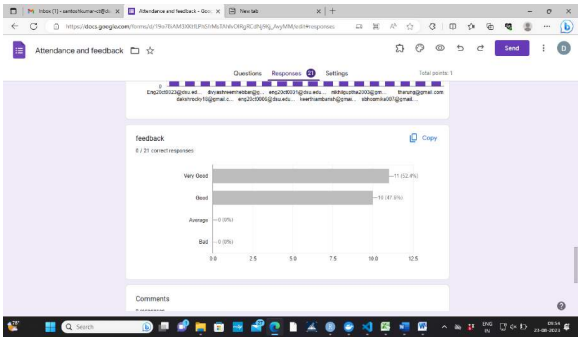








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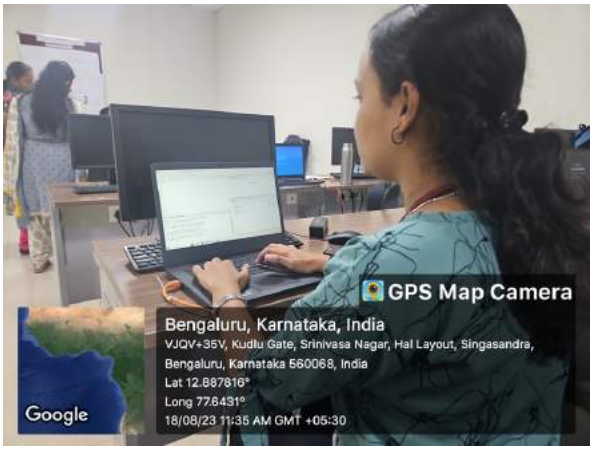
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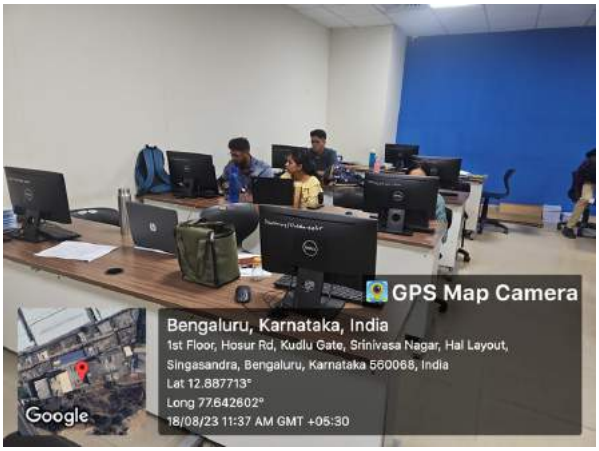
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Feedback of Value added course:

Response drive link:

https://docs.google.com/forms/d/19o78iAM3XKtfLPhSfrMsTAhlvOIRgRCdNj9Kj_AvyMM/edit#responses