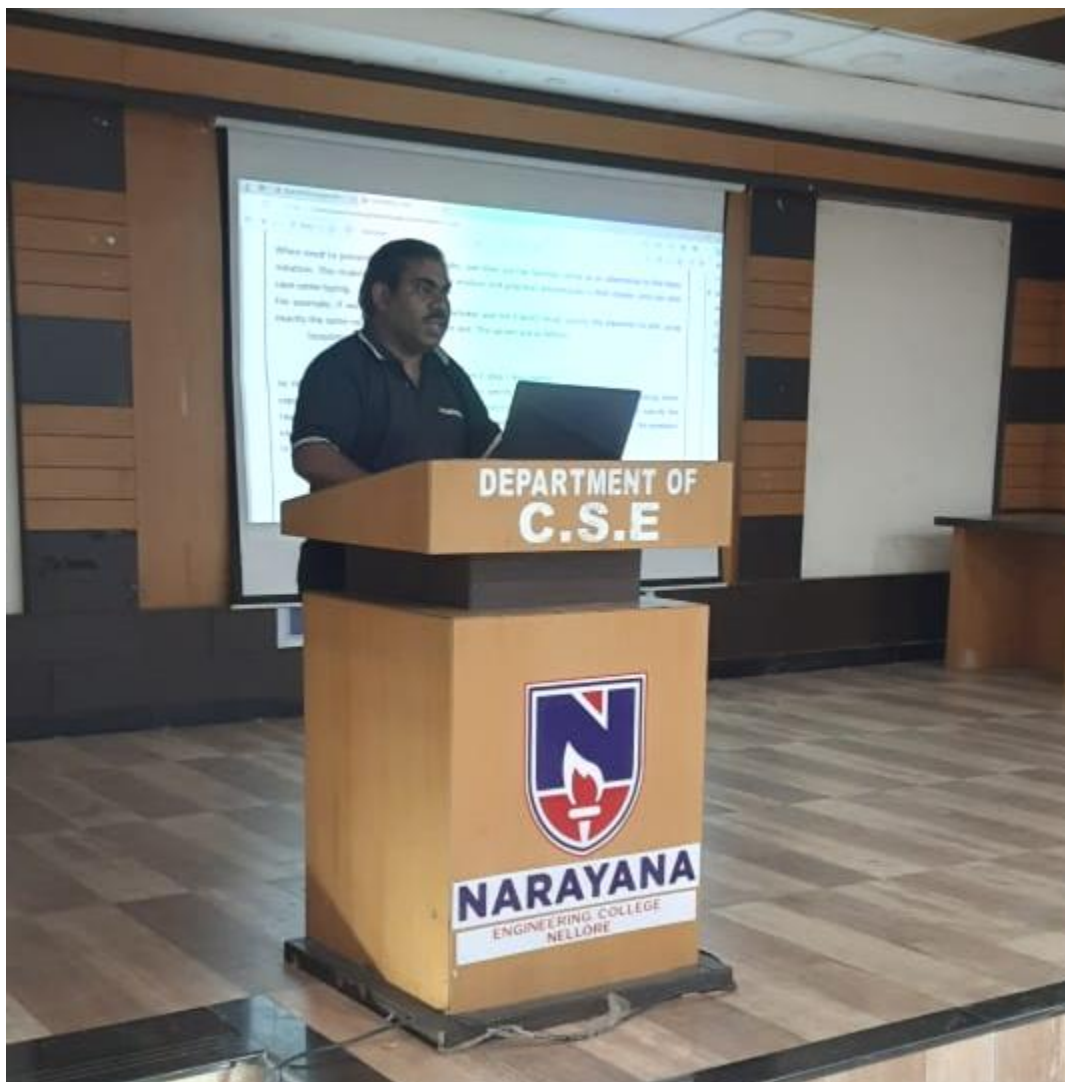


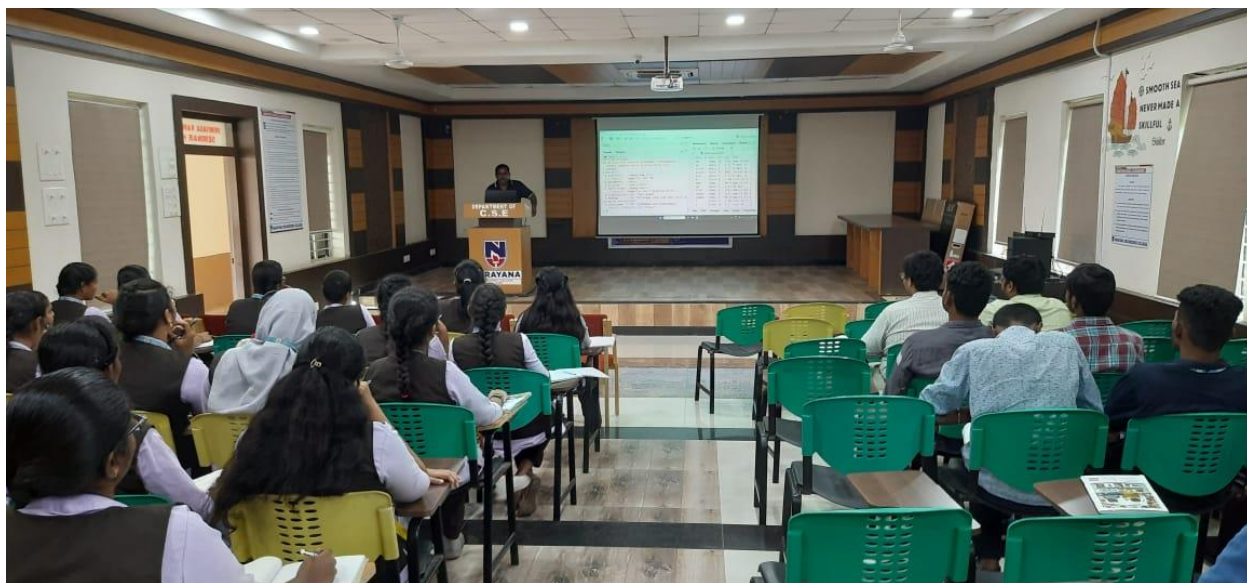
Program Report- Guest Lecture

1	Name of the Activity/Event	Guest Lecture on EDR		
2	Date of Activity/Event	17-07-2023 to 21-07-2023		
3	Organized by/Name of the committee	Narayana Engineering College CSE Department		
4	Place of Activity/event	Sri Ramanujam Seminar Hall C Block		
5	Resource person/guest/organization	Dr.Murahari Reddy Senior Technical Trainer,Code Tantra Tech Solutions Pvt.Ltd		
6	Type of activity/Event	Guest Lecture		
7	Activity/Event objectives	1. R is an open-source programming language that is widely used as a statistical software and data analysis tool. 2. R is a domain-specific programming language which aims to do data analysis. It has some unique features which make it very powerful.		
8	Participation	Students	Faculty	Total Participation
		198	5	203
9	Suggested Improvements	Need some more sessions practical environment is suggested .		
10	Enclosures	Event Photos		
11	Signature of Incharge/convener			

Department of CSE has conducted a Guest Lecture on EDR and a practical approach to Statistical analysis and R Programming and R Analytics..Dr.Murahari Reddy Senior Technical Trainer,Code Tantra Tech Solutions Pvt.Ltd.,has delivered a Guest Lecture o R Programming and R Analytics.

R has multiple ways to present and share work, either through a markdown document or a shiny app. Everything can be hosted in Rpub, GitHub or the business's website.





Resource Person delivering key concepts to the students

Key points discussed:

Functions are first-class objects and can be manipulated in the same way as data objects, facilitating meta-programming that allows multiple dispatch.

Function arguments are passed by value, and are lazy—that is to say, they are only evaluated when they are used, not when the function is called.

A generic function acts differently depending on the classes of the arguments passed to it. In other words, the generic function dispatches the method implementation specific to that object's class.

For example, R has a generic `print` function that can print almost every class of object in R with `print(objectname)`. R is highly extensible through the use of packages for specific functions and specific applications.

Faculty Incharge

CSE- HOD