



# ST. JOSEPH'S COLLEGE (AUTONOMOUS), IRINJALAKUDA

## DEPARTMENT OF COMPUTER SCIENCE

### REPORT ON NATIONAL WEBINAR ON "R PROGRAMMING IN IT INDUSTRY"

The Computer Science department of St. Joseph's (Autonomous) College, Irinjalakuda organised a national webinar on R Programming in IT Industry. The webinar was well attended by eminent academicians, faculty members and students from reputed technical and various educational institutions. The enormous response was well recognized through the registration of around 100 participants.

(Participants were Faculty, UG and PG students of St Joseph's College).

**ST. JOSEPH'S COLLEGE (AUTONOMOUS)**  
Irinjalakuda, Thrissur, Kerala  
College with Potential for Excellence  
Re-accredited by NAAC with 'A' grade

**Dept. of Computer Science**  
**WEBINAR**  
On  
**R PROGRAMMING  
IN  
IT INDUSTRY**

**Resource Person**



**Ms. SHREE DIVYA GANESH**  
Data Science Developer  
Ajira AI Software India Pvt. Ltd  
Pune

Date : 19th May 2021  
Time : 9.00 to 10.00 am

To join the meeting : <https://meet.google.com/uqy-vvpc-brb>

The program commenced with the inaugural ceremony by invoking the blessings of the Almighty. The webinar was conducted in Google meet platform. Ms. Tina Babu C, Faculty of the Computer Science Department, formally welcomed all the faculties and students of this webinar.

In the end, Ms. Devika Subash offered a vote of thanks to all including the Principal, the HOD, and faculty advisors without whom this event wouldn't have been possible and all the invited guests for gracing the occasion by their solemn presence and to all the participants of the webinar who were the main ingredient of this webinar.

## TECHNICAL SESSION

The technical session was started at 9:00 am and Ms. Shree Divya Ganesh, Data Science Developer, Ajira AI Software India Pvt.Ltd, Pune, was the resource person of the webinar and delivered her energetic talk on 'R Programming in IT Industry'. She discussed and did the demo on R Programming. Today, millions of analysts, researchers, and brands such as Facebook, Google, Bing, Accenture, Wipro are using R to solve complex issues. The applications of R are not limited to just one sector, we can see the use of R in banking, e-commerce, finance, and many more sectors. The session was very interactive and many of our participants were actively interacted with the resource person. It was ever memorable for many of our participants. This session came to an end at 10.00 am.

The screenshot displays a Zoom webinar interface. On the left, a slide titled "Steps in Modeling" features a circular flow diagram with five steps: "Data Pre-Processing" (orange), "Train-Test Split" (grey), "Train a Model" (yellow), "Evaluate trained Model" (blue), and "Improve the Model" (green). On the right, a grid of video thumbnails shows participants: "You", "Reesha P U", "Computer Science D...", "Honey P S", "Subina MS", "ALEENA VARGHESE", "athul Ps", "Blessy Saji", and "Shree Divya". The bottom of the screen shows the Zoom control bar with icons for chat, lock, mute, video, and a "Raise hand" button. A system notification for "Activate Windows" is also visible.

## Functions in R

- Apart from in-built functions, we need few packages.
  - `install.packages("dplyr")`
- Once installed, we have to load the package for its usage.
  - `library('dplyr')`
- Use # symbol for comments.

A Zoom meeting interface showing a grid of participants. The top-left tile shows a video feed of Shree Divya. Other tiles show avatars and names: Reesha P U, Computer Science D..., Honey P S, Subina MS, Emil Babu, anna wilson, Rose Maria Nikson, and Brown Vriyath. A small control bar is visible over the top-left tile with icons for mute, video off, and a minus sign.

WEBINAR



Raise hand

Activate Windows  
Go to Settings to activate Windows.  
Turn on captions  
Shree Divya is presenting