



CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE • INDIA

National Workshop on Skill Development in R



Organized by
Department of Statistics

27 to 29 May 2019

09 AM to 04 PM

Course Fee: Rs. 2500 (Inclusive all tax)

Course Content:

Introduction to R Programming
Data Manipulation and Visualization
Descriptive Statistics
Testing of Hypothesis
Correlation
Linear Regression

Logistic Regression
Time Series Analysis
Decision Tree
Cluster Analysis
Principal Component Analysis
Market Basket Analysis

For online payment:

<http://christuniversity.in> -> Visitors -> Online Payment Portal -> Workshop

Last date for payment: 20 May, 2019.

Seats are limited to 40, selection will be made on first come first served bases.

For details Contact

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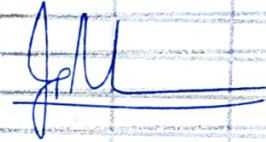
**Department of Statistics
Bangalore Central Campus
CHRIST (Deemed to be University)**

National workshop on Skill development in R Programming

Participants List

S.No	Name	Address
1	Akshaya M	CHRIST (Deemed to be University)
2.	R Aishwarya	Ryan International
3.	Manu K S	CHRIST (Deemed to be University)
4.	Ben Jacob Scaria	CHRIST (Deemed to be University)
5.	Anoop Joseph	NIMHANS, Bangalore
6.	Monisha.R	CHRIST(Deemed to be university)
7.	Reena Raj	Institute of Management, CHRIST
8.	Chaitra Jagirdar	BITS
9.	Dr.K.INDHIRA	VIT, VELLORE
10.	M Kokila	Bharathiyar University
11.	Akshaya Ravichandran	SRM Institute of Science and Technology
12.	Liji Sebastian	Periyar University
13.	Vandana B N	CHRIST (DEEMED TO BE UNIVERSITY)
14.	Tanya Subramanyam	CHRIST (Deemed to be University)
15.	C.Deepa	PSG College of Arts & Science
16	Aruna B	CHRIST (Deemed to be University)
17.	Yohanna M Irani	Christ (Deemed to be University)
18.	Shashikumar N D	CHRIST (Deemed to be University)
19.	Debasish Mishra	International Institute of Information Technology Bhubaneswar, Odisha
20.	Girish Kumar	CHRIST (Deemed to be University)
21.	Mausumi Goswami	CHRIST (Deemed to be University)
22	Kusum K	CHRIST (Deemed to be University)
23	Jasmer Singh	-
24	Aishwarya Desai	CHRIST (Deemed to be University)
25	Jeevan Koshy	CHRIST (Deemed to be University)
26	Raouf U K	IIPS

27	Vaibhav Vijay Sawant	CHRIST (Deemed to be University)
28	Anushree Shukla	Shuats, Naini Prayagraj
29	Chris Maria James	CHRIST (Deemed to be University)
30	Dr Rajshekhar M	JNTUH HYDEARBAD
31	Pradeepa S	ANNA UNIVERSITY
32	Aashiek Cheriyan	SRM Institute Of Science And Technology
33	Treesa Shaji	St.Joseph's College Devagiri,Calicut
34	Chintureena Thingom	CHRIST (Deemed to be University)
35	Rekha phadke	NMIT
36	Varsha Prasad	NMIT
37	Pramodini	NMIT



Head
Department of Statistics
CHRIST (Deemed to be University)



Report on National Workshop on Skill development in R

R programming is one of the most widely used languages by statisticians and data scientists. The National workshop on Skill development in R Programming was been organized for three days with the objective of providing a platform to acquire knowledge in R programming.

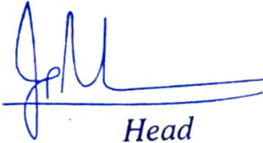
The workshop started on 27 May, 2019 at 10:00 AM with 37 participants from all over INDIA. Day one started with introduction to data science by Dr. Azarudheen S, Assistant Professor, Department of Statistics, CHRIST (Deemed to be University), who showed a path way on becoming a data scientist and mentioned skills required for data scientist. The session two for the first day was handled by Dr. Sahana Prasad, Associate Professor, Department of Statistics, CHRIST (Deemed to be University). She introduced R programming to the participants and also discussed different data structure and how it is handled in R programming. The third and fourth session of the day was after lunch break at 2:00 PM was by Dr. Azarudheen S, Assistant Professor, Department of Statistics, CHRIST (Deemed to be University), gave hands-on training in the R programming packages such as “dplyr” which is used for data manipulation and “ggplot2” which is used for graphical representation.

Day two of the workshop started on 28 May, 2019 at 9:30 AM with introduction of the industry expert Mr. Ravi, Senior Data Scientist, Dell, Bangalore then after, all the session where handed over to Mr. Ravi. During day session one the expert took the participants through basics of statistics such as descriptive statistics and testing of hypothesis (t test, F test, Z test, ANOVA etc) through industrial examples in addition the participants had hands on session on the same after a tea break at 11:00 AM. After Lunch break Mr. Ravi introduced the concept of relationship and how it can be calculated through correlation and regression. Also, he gave real time examples and data sets to have a practical knowledge on the same. The day 2 was wrapped at 4:45PM with introduction to logistic regression.

On day three 29 May, 2019 sessions started at 9:30 AM with practical training in logistic regression by Mr. Ravi who explained the importance of time series analysis and also gave real time data set to gain practical knowledge to the participants. After the morning tea break, Mr. Ravi gave a brief introduction about market basket analysis and gave hands on training on the same using R programming. During the last two sessions of the workshop Mr. Ravi expounded the topics such as Principal Component Analysis, Decision tree analysis and Cluster analysis with practical examples using R Programming.

The three day National workshop on Skill development in R Programming came to an end with a valedictory session in which Prof. Joy Paulose Head of Department, Department of Statistics, CHRIST (Deemed to be University) enlighten the important of data science and also thanked all the participants of their kind cooperation.




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