

Rajagiri College of Social Sciences(Autonomous) (Course Plan)

H R Analytics – Using R (VAD CO6)

Course Objective:

The objective of the training is to conduct the H R Analytics for the students. This is a statistical training where insights and information is derived using the tools R. R is an analytical tool for performing statistical analysis in any data environment.

Total Hours	Offered During	Recourse Person
30-40 Hrs.	2nd Semesters	Mr. Chirag Shah Email: chiragshah2.kpmg.com

Session Plan:

Text book chapters	Topic	Teaching Methodology
Module 1	HR analytics using R and Tableau o Introduction to HR Analytics § Introduction to R § Data Exploration & Visualization § Supervised learning	Brief lecture using PPT and Practice
Module 2	Introduction to R will cover: § R syntax, Variables and operators ,Data types in R, Functions in R, Data cleaning and preprocessing techniques	Brief lecture using PPT and Practice
Module 3	o Supervised Learning § Correlation § Family of regression § Simple linear regression § Multiple linear regression § Logistic regression § Classification § Decision Tree § Random Forest	Brief lecture using PPT and Practice
Module 4	Introduction to HR Analytics will cover:	

	§ Importance of HR Analytics § Importance of data § Data analysis process § Data exploration & Analytics	Brief lecture using PPT and Practice
Module 5	o Data Exploration and Visualization: § Measures of central tendency § Measures of dispersion § Data Visualization	Brief lecture using PPT and Practice

Assessment Plan:

KPMG will be conducting course evaluation for the students to evaluate their skills on domain, analytics, critical thinking and conceptual knowledge.

Learning Outcomes:

Detailed understanding of R and Tableau programming languages.

Completion Certificate Copy:



