



# JYOTHISHMATHI INSTITUTE OF TECHNOLOGY AND SCIENCE

Nustulapur, Karimnagar – 505 481 (TS)  
(Approved by AICTE, New Delhi and Affiliated to JNTUH)  
An ISO 9001:2015 Certified Institution

Date: 12.05.2020

## Department of Computer Science and Engineering

### Certificate Course Schedule

Name of the Course: II-R PROGRAMMING

No. of Hours: 34 Hours

S.No	Date	Time (From/To)	Topic
1	13/5/2020	12:00 PM-2:00 PM	R – OVERVIEW, R – ENVIRONMENT SETUP
2	13/5/2020	3:00 PM-5:00 PM	R – BASIC SYNTAX, R – DATA TYPES
3	14/5/2020	3:00 PM-5:00 PM	R – VARIABLES, R – OPERATORS
4	15/5/2020	3:00 PM-5:00 PM	R – DECISION MAKING, R – LOOPS, R – FUNCTION
5	16/5/2020	3:00 PM-4:30 PM	R – STRINGS, R – VECTORS, R – LISTS,
6	17/5/2020	1:00 PM -2:00 PM	R – MATRICES, R – ARRAYS, R – FACTORS, R – DATA FRAMES and QUIZ-I
7	12/5/2020	1:00 PM -2:30 PM	R – PACKAGES
8	18/5/2020	1:00 PM -2:30 PM	R – DATA RESHAPING
9	19/5/2020	1:00 PM -2:30 PM	R – CSV FILES
10	20/5/2020	3:00 PM-5:00 PM	R – EXCEL FILE
11	21/5/2020	1:00 PM -2:30 PM	R – BINARY FILES
12	22/5/2020	1:00 PM -2:30 PM	R – DATABASES, R – PIE CHARTS
13	23/5/2020	1:00 PM -2:30 PM	R – BAR CHARTS , R – BOXPLOTS
14	24/5/2020	1:00 PM -2:00 PM	R – OVERVIEW, R – ENVIRONMENT SETUP
15	25/5/2020	3:00 PM-5:00 PM	R – HISTOGRAMS, R – LINE GRAPHS and QUIZ-II
16	26/5/2020	3:00 PM-4:30 PM	R – SCATTERPLOTS,
17	27/5/2020	3:00 PM-4:30 PM	R – MEAN, MEDIAN & MODE
18	28/5/2020	3:00 PM-4:30 PM	R – LINEAR REGRESSION
19	29/5/2020	3:00 PM-4:30 PM	R – ANALYSIS OF COVARIANCE, R – TIME SERIES ANALYSIS
20	30/5/2020	3:00 PM-4:30 PM	R – NONLINEAR LEAST SQUARE , R – DECISION TREE
21	31/5/2020	3:00 PM-5:00 PM	R – RANDOM FOREST, R – SURVIVAL ANALYSIS, R – CHI SQUARE TEST, QUIZ-III

**COORDINATOR**

V.MALSORU

Associate Professor, CSE Dept

**HOD**