RI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title:	Machine Learning with Python

Resource Person:	**Resource Person 1 :** Mr. K.Marimuthu Master Trainer **Resource Person 2 :** Ms.D.Janani Master Trainer

Date of conduct from :	**09.08.2021**	To:	**13.08.2021**	Duration:	**30 Hours**

Organized Department :	**COMPUTER SCIENCE AND ENGINEERING**

Participant Year:	**2,3,4(CSE)**	Semester:	**ODD**	No. of Students Registered :	**71**

Venue:	**Auditorium**

Outcome of Value Added Course (VAC)

At the end of the VAC course the student can able to

Describe the various types of Machine Learning algorithms and when to use them

Compare and contrast linear classification methods including multiclass prediction, support vector machines, and logistic regression

Write Python code that implements various classification techniques including K-Nearest neighbors (KNN), decision trees, and regression trees

Evaluate the results from simple linear, non-linear, and multiple regression on a data set using evaluation metric

Assessment Process

- Students, who are securing **more than 60% on total score** and secured more than 70% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)