

**Domain of Engineering & Technology**

**Amity School of Engineering and Technology**

## MINOR PROJECT

**WEEKLY PROGRESS REPORT (WPR)**

**For the week commencing on: 26-09-2022 (9th week)**

#### Program: B.Tech. (AI) Student Name: Muskan Singh

**WPR: 9 Enrollment Number: A076119819006**

#### Company Name (if any) : ASET, LUCKNOW

**Faculty Guide’s Name : DR. NAMRATA DHANDA**

#### Project / Seminar Title : DIABETES PREDICTION USING MACHINE LEARNING

**TARGETS SET FOR THE WEEK:**

* Study about all types of classification ML algorithms which will be used to classify diabetes.
* To predict the results from that trained model and to analysis the classification report on the results along with confusion matrix.

**ACHIEVEMENTS FOR THE WEEK:**

* Cleaning the data and try to make the dataset Standard normally distributed and normalizing the dataset.
* Doing logarithmic transformations on the dataset to remove skewness.
* Doing univariable and bivariate analysis among the datasets of the medical patients.

**FUTURE WORK PLANS:**

* Will try practical implement of various ML usecases under the guidance of faculty guide.
* By actually performing things I will have a better understanding of things and it will enhance my knowledge which is very essential before working on the actual project.