

**Domain of Engineering & Technology**

**Amity School of Engineering and Technology**

## Minor Project

**WEEKLY PROGRESS REPORT (WPR)**

**For the week commencing on: 04-09-2022 (5th week)**

#### Program: B.Tech. (AI) Student Name: Divvela Vishnu Sai Kumar

**WPR: 5 Enrollment Number: A076119819005**

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

**Faculty Guide’s Name : DR. PUNEET SHARMA**

#### Project / Seminar Title : FACE RECOGNITION USING TENSORFLOW

**TARGETS SET FOR THE WEEK:**

* Study about what is backpropagation in Deep learning.
* Study about what are weights and bias.
* Study about overfitting in Deep learning.

**ACHIEVEMENTS FOR THE WEEK:**

* Started studying about Deep learning and its optimizers.
* Studied the various types of optimizers.
* Studied about the back propagation approach in optimizers.

**FUTURE WORK PLANS:**

* Will try practical implement of various DL 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.