

Project Development Phase

Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID42581
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values
1.	Model Summary	As a threat of forest fire increases due to climate changes, the need for finding a detection system increases .The proposed Deep Learning-based model to predict early detection of forest fire. The Proposed model successfully classifies the images into fire and no fire, and sends an alert messages in case of fire. Thus, the Deep Learning algorithms proved their efficiency in detecting different objects.
2.	Accuracy	Training Accuracy - 98% Validation Accuracy - 95%

Accuracy Graph:

Training and Validation Accuracy



Training and Validation Loss

