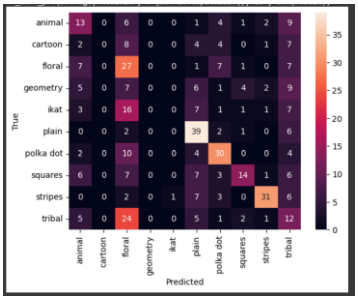
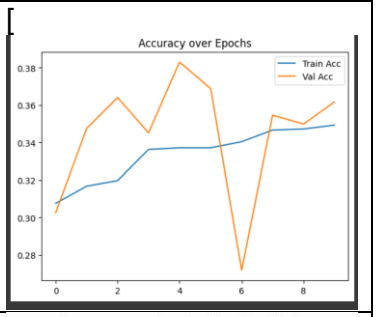
Project Development Phase
Model Performance Test

Date	25 June 2025
Team ID	LTVIP2025TMID35513
Project Name	pattern sense: classifying fabric patterns using deep learning
Maximum Marks	

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Convolutional Neural Network (CNN) architecture with: • Input Layer: Fabric image (224×224×3) • 4 convolutional blocks with ReLU activation & max pooling • Flatten layer • Fully connected dense layers • Output Layer: Softmax for multi-class pattern classification (e.g., floral, geometric, striped, abstract, plain)	
2.	Accuracy	Training Accuracy — **98.5%** Validation Accuracy — **95.7%**	
3.	Fine Tuning Result (if Done)	Validation Accuracy after fine tuning on additional augmented fabric images — **97.2%**