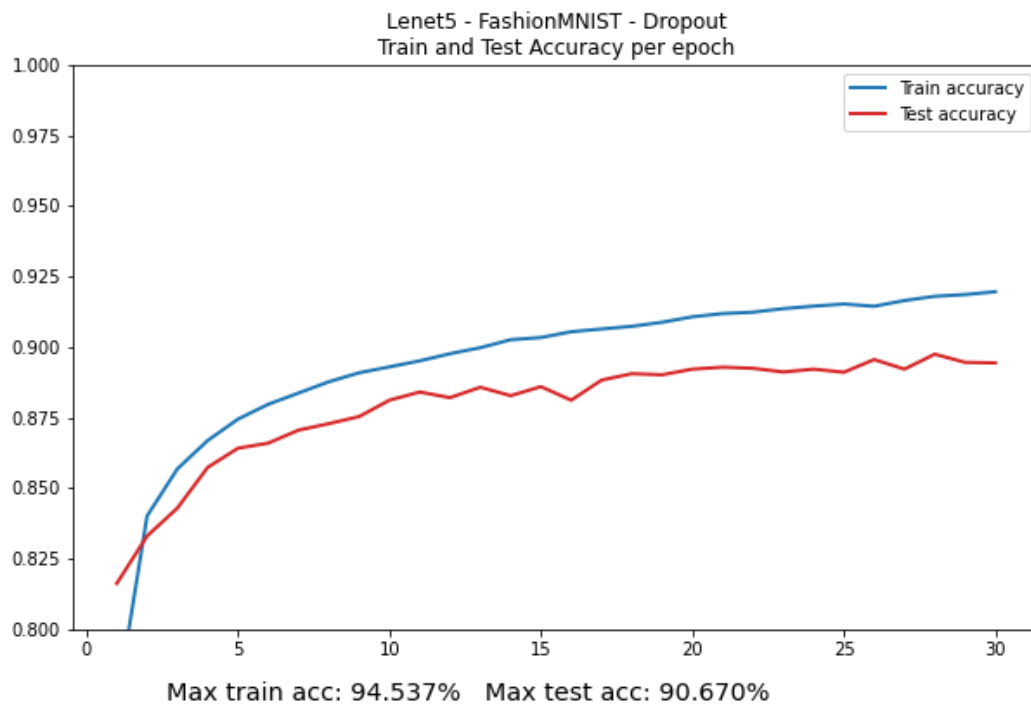
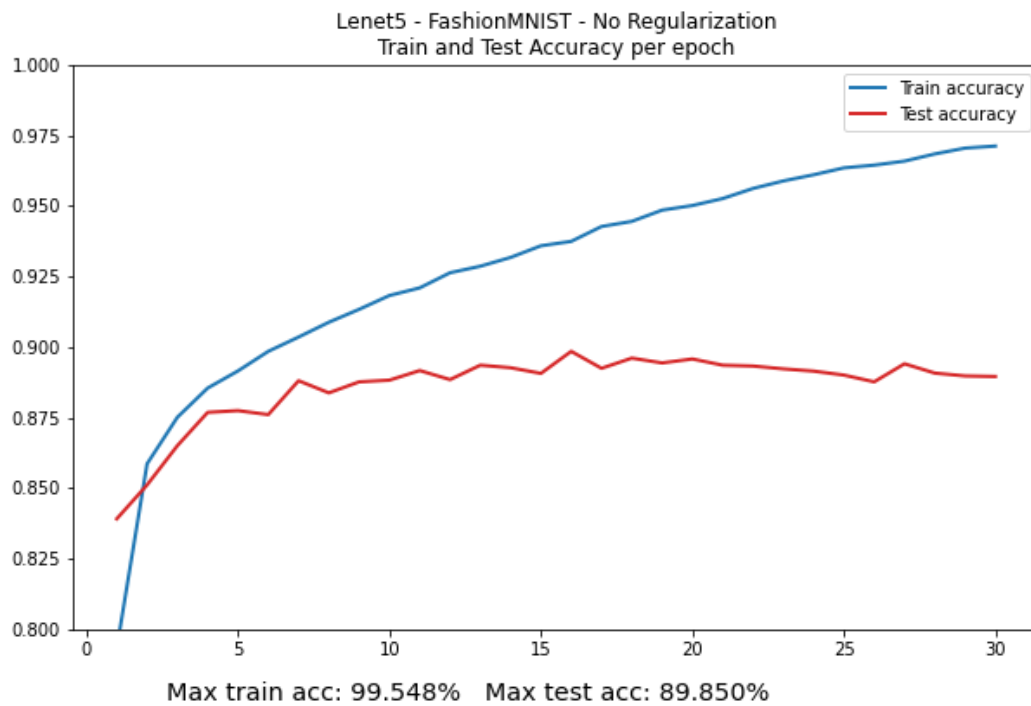
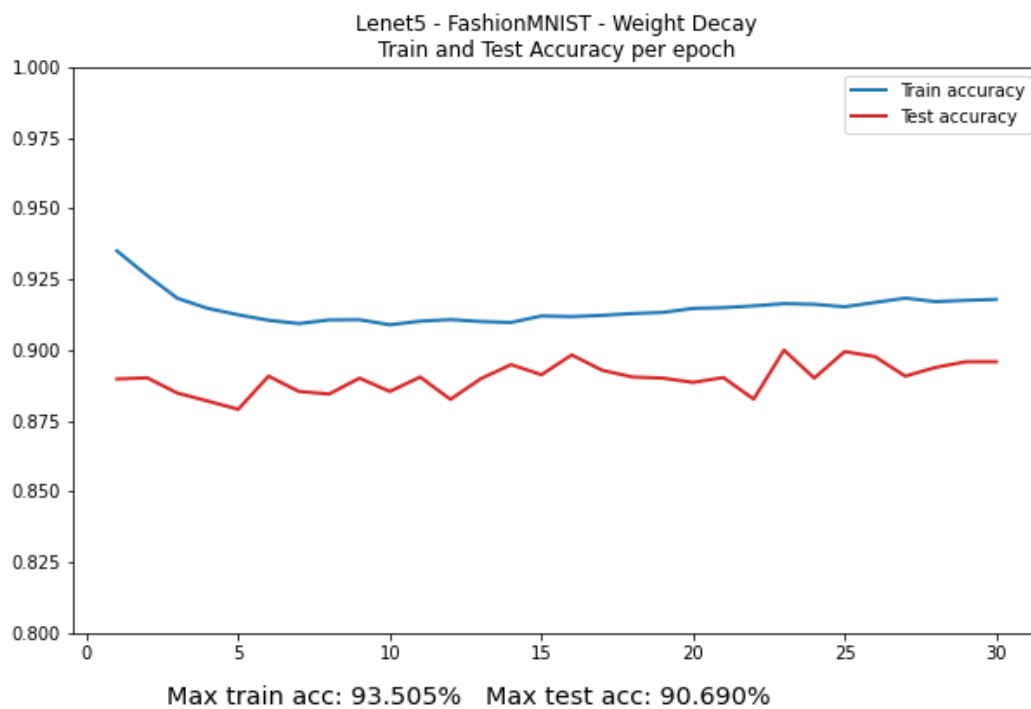
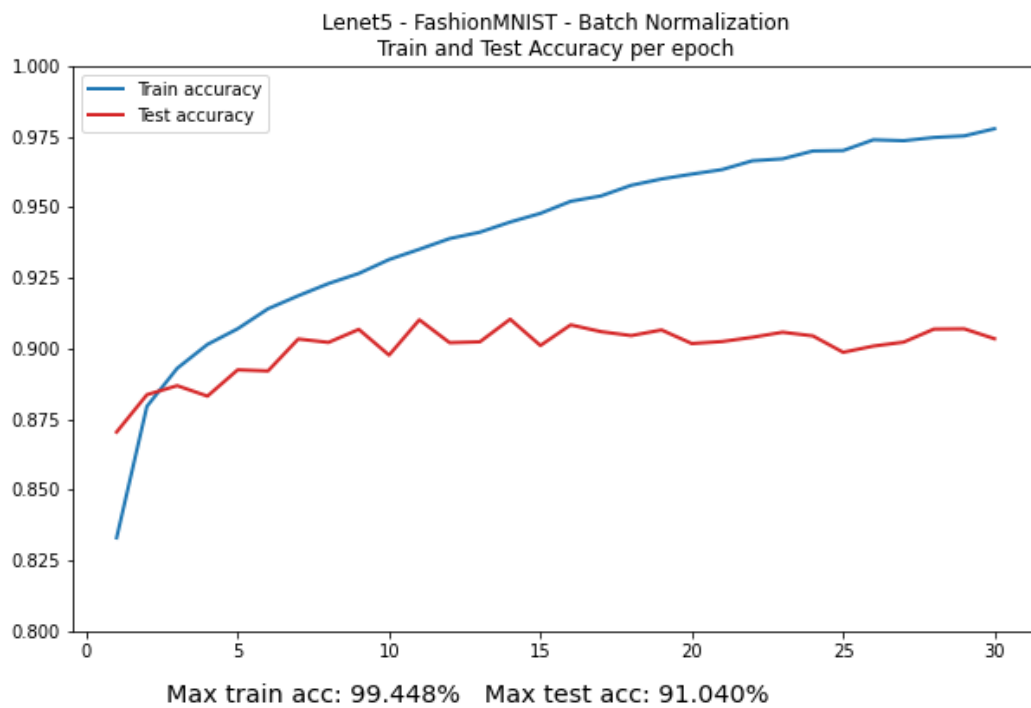
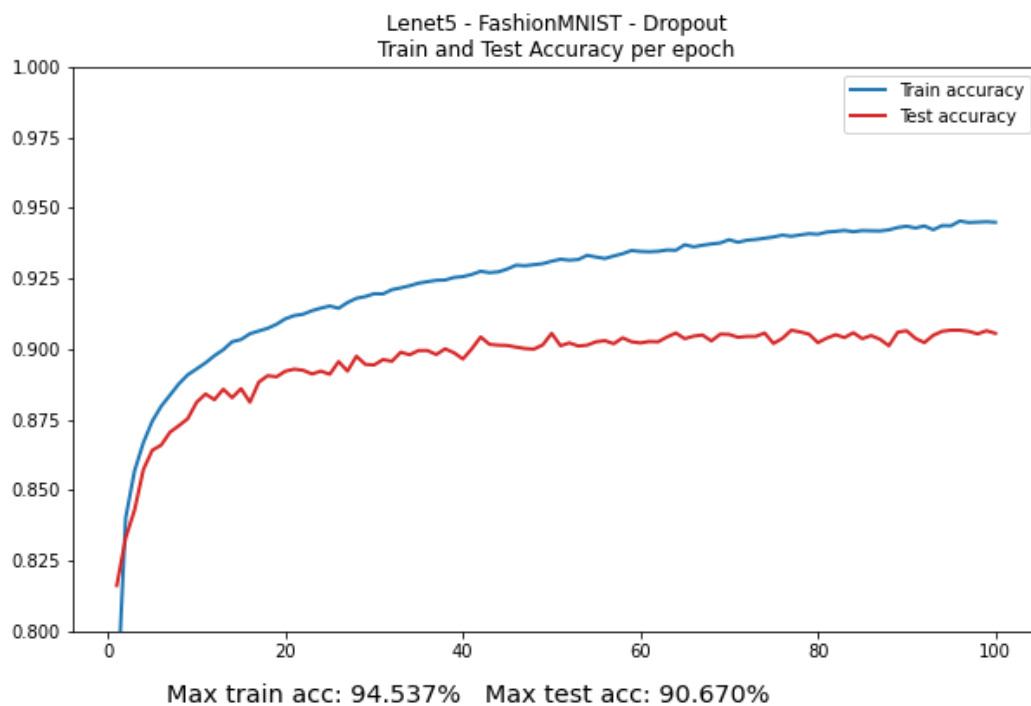
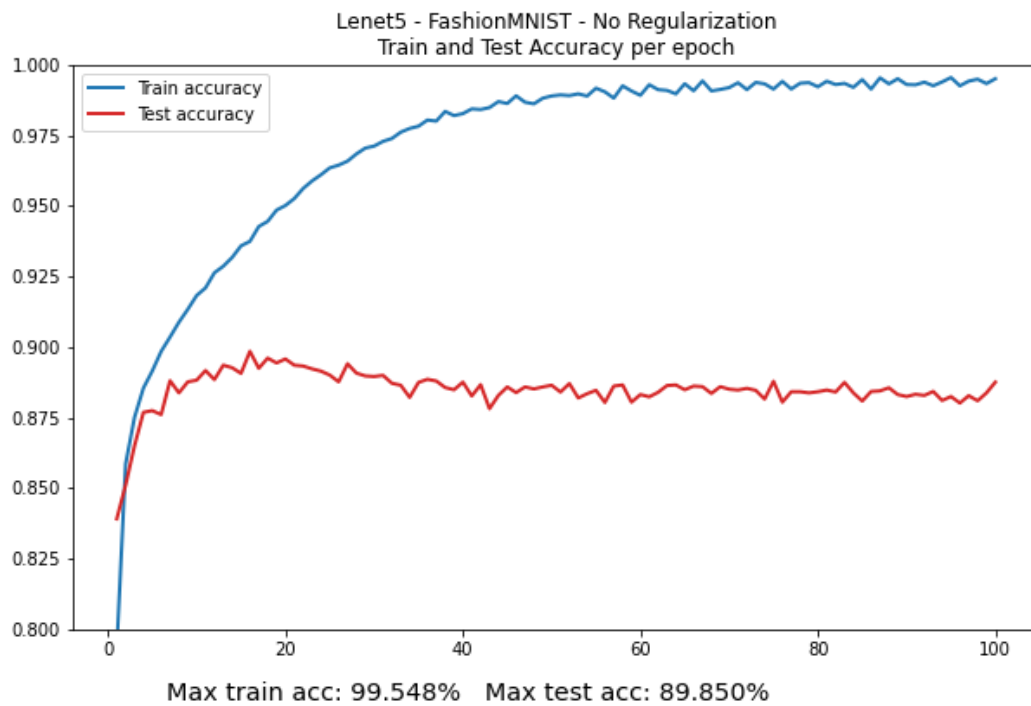


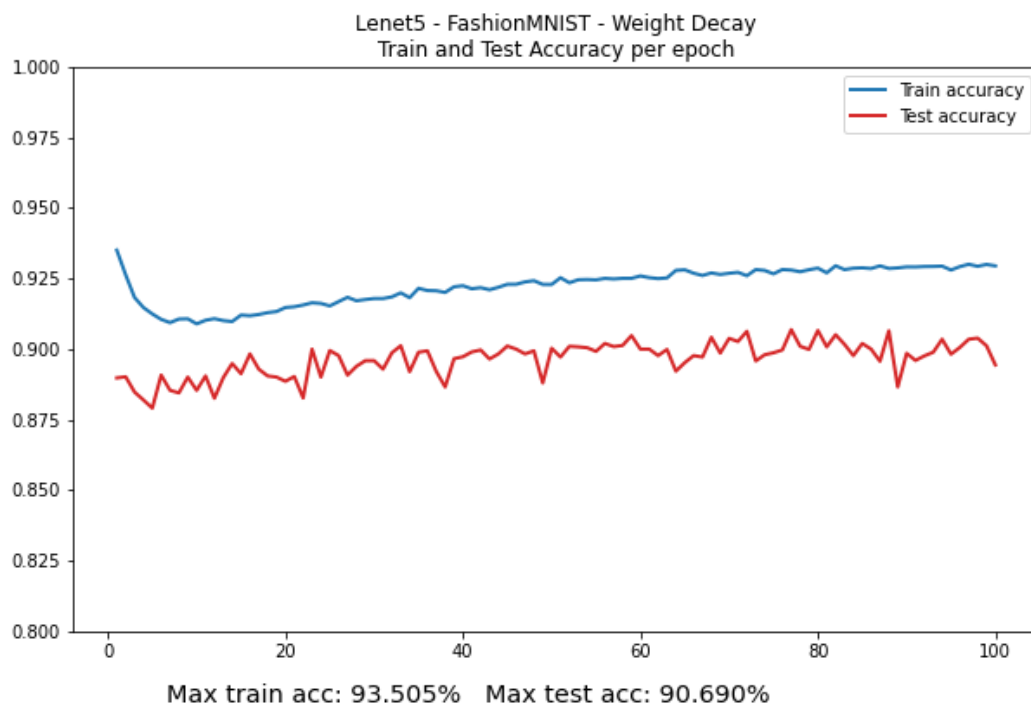
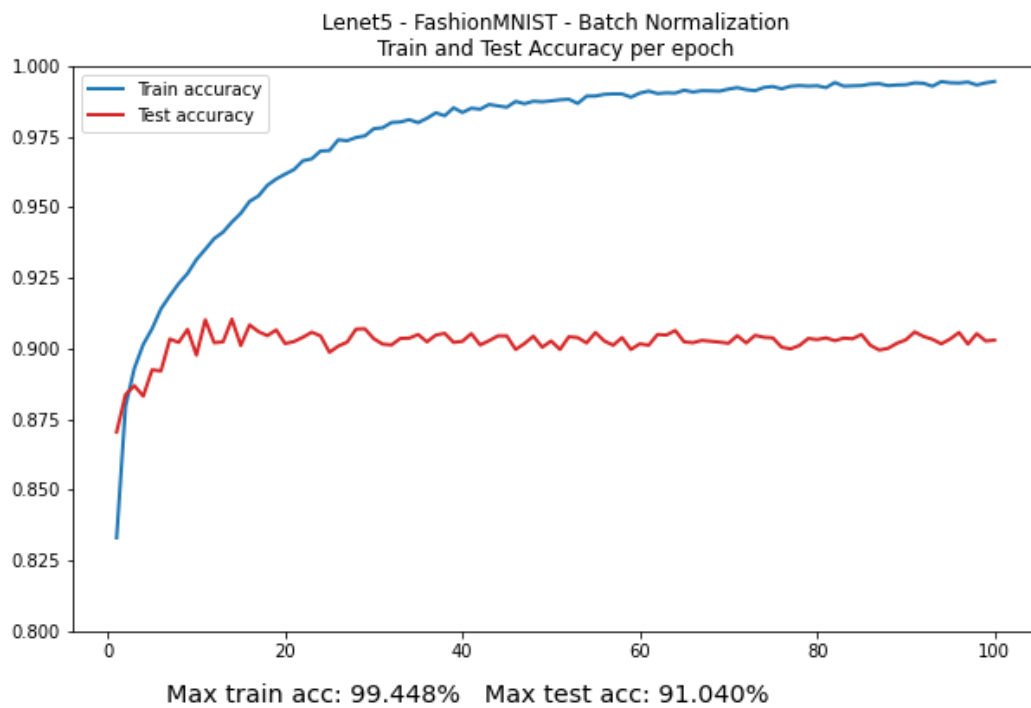
Results - Graphs – Training for 30 epochs





Results - Graphs – Training for 100 epochs





Results – Table

LeNet-5 architecture for Fashion-MNIST dataset

Technique ¹	Max train accuracy (after 100 epochs)	Max test accuracy (after 100 epochs)	Num of epochs till min test loss (Convergence rate)
No Regularization	99.548%	89.85%	11
Dropout ²	94.537%	90.67%	50
Batch Normalization	99.448%	91.04%	11
Weight Decay ³	93.505%	90.69%	77

Notes:

1. All techniques trained with Adam optimizer with $\text{lr}=0.001$
2. Dropout with $p=0.5$
3. Weight decay with $\text{lambda}=0.001$