```
Train Dataloader - 48
Test Dataloader - 173

Device Used - cuda

Model Used - Base_3DCAE
Key Frame Extraction - True
Key Frame Extraction Algorithm - BG_Subtraction
Feature Extraction - True
Background Subtraction - True
Background Subtraction Algorithm - GMG
Data Augmentation - False
Spatial Temporal Loss - False

Frame rate adjusted dataset - True

Window Length = 8
Stride = 1
Fair Comparison = True
Dropout = 0.25
Learning Rate = 0.0002
Num Epochs = 20
Chunk Size = 64
Forward Chunk Size = 8
Loss Fn = L1Loss()

Training has Begun
epoch [1/20], loss:14.7162
epoch [2/20], loss:14.7053
epoch [3/20], loss:14.7019
epoch [4/20], loss:14.6999
epoch [5/20], loss:14.6985
epoch [6/20], loss:14.6972
epoch [7/20], loss:14.6962
epoch [8/20], loss:14.6958
epoch [9/20], loss:14.6952
epoch [10/20], loss:14.6949
epoch [11/20], loss:14.6944
epoch [12/20], loss:14.6938
epoch [13/20], loss:14.6933
epoch [14/20], loss:14.6932
epoch [15/20], loss:14.6928
epoch [16/20], loss:14.6927
epoch [17/20], loss:14.6920
epoch [18/20], loss:14.6920
epoch [19/20], loss:14.6913
epoch [20/20], loss:14.6920
Training has Completed

Forward pass occuring
Forward pass completed

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STD Global Classification Results
TPR 0.744, FPR 0.452, Precision 0.063, Recall 0.744
tn 28723, fp 23717, fn 550, tp 1599
std_AUROC  0.685
```

```
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Mean Global Classification Results
TPR 0.685, FPR 0.475, Precision 0.056, Recall 0.685
tn 27557, fp 24883, fn 678, tp 1471
mean_AUROC 0.648
----------------------------------
```

c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics_ranking.
py:1123: UndefinedMetricWarning: No negative samples in y_true, false positive value shoul
d be meaningless
  warnings.warn(
c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics_ranking.
py:1123: UndefinedMetricWarning: No negative samples in y_true, false positive value shoul
d be meaningless
  warnings.warn(
d:\Abdul Rasheed NITT\Academics\Eigth Semester\FYP\Implementation\FallDetection\Code\funct
ions.py:250: RuntimeWarning: Mean of empty slice
  final_performance_mean = np.nanmean(video_metrics, axis=0) # get the mean performance a
cross all videos
c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\numpy\lib\nanfunctions.p
y:1670: RuntimeWarning: Degrees of freedom <= 0 for slice.
  var = nanvar(a, axis=axis, dtype=dtype, out=out, ddof=ddof,

Receiver Operating Characteristic for STD of Reconstruction Error. ROC curve (area = 0.6846)

Precision Recall Curve for STD of Reconstruction Error

No Skill (area = 0.0394)
AUPR curve (area = 0.0650)

Receiver Operating Characteristic for Mean of Reconstruction Error

ROC curve (area = 0.6484)

Precision Recall Curve for Mean of Reconstruction Error