```
Train Dataloader - 87
Test Dataloader - 182

Device Used - cuda

Model Used - Base_3DCAE
Key Frame Extraction - False
Feature Extraction - True
Background Subtraction - True
Background Subtraction Algorithm - GMG
Data Augmentation - True
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:0.0002
epoch [2/20], loss:0.0001
epoch [3/20], loss:0.0001
epoch [4/20], loss:0.0001
epoch [5/20], loss:0.0001
epoch [6/20], loss:0.0000
epoch [7/20], loss:0.0001
epoch [8/20], loss:0.0001
epoch [9/20], loss:0.0001
epoch [10/20], loss:0.0001
epoch [11/20], loss:0.0000
epoch [12/20], loss:0.0000
epoch [13/20], loss:0.0000
epoch [14/20], loss:0.0000
epoch [15/20], loss:0.0000
epoch [16/20], loss:0.0000
epoch [17/20], loss:0.0000
epoch [18/20], loss:0.0000
epoch [19/20], loss:0.0000
epoch [20/20], loss:0.0000
Training has Completed

Forward pass occuring
Forward pass completed

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STD Global Classification Results
TPR 0.941, FPR 0.225, Precision 0.036, Recall 0.941
tn 215035, fp 62548, fn 146, tp 2312
std_AUROC  0.907
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```

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Mean Global Classification Results
TPR 0.941, FPR 0.227, Precision 0.035, Recall 0.941
tn 214648, fp 62935, fn 144, tp 2314
mean_AUROC 0.897
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```

d:\Abdul Rasheed NITT\Academics\Eigth Semester\FYP\Implementation\FallDetection\Code\funct
ions.py:302: 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 = 0.9075)

Precision Recall Curve for STD of Reconstruction Error

Precision (y-axis): 0.000 to 0.200
Recall (x-axis): 0.0 to 1.0

Legend:
- No Skill (area = 0.0088)
- AUPR curve (area = 0.0627)

Receiver Operating Characteristic for Mean of Reconstruction Error

True Positive Rate (y-axis): 0.0 to 1.0
False Positive Rate (x-axis): 0.0 to 1.0

Legend:
- ROC curve (area = 0.8968)

Precision Recall Curve for Mean of Reconstruction Error