Loaded 8447 frequency domain epochs.

Epoch 1: Loss 0.6396

Epoch 2: Loss 0.4295

Epoch 3: Loss 0.3614

Epoch 4: Loss 0.3055

Epoch 5: Loss 0.2631

Epoch 6: Loss 0.2328

Epoch 7: Loss 0.2057

Epoch 8: Loss 0.1913

Epoch 9: Loss 0.1704

Epoch 10: Loss 0.1481

Epoch 11: Loss 0.1389

Epoch 12: Loss 0.1323

Epoch 13: Loss 0.1199

Epoch 14: Loss 0.1112

Epoch 15: Loss 0.1108

Epoch 16: Loss 0.0961

Epoch 17: Loss 0.0957

Epoch 18: Loss 0.0923

Epoch 19: Loss 0.0874

Epoch 20: Loss 0.0714

EEGNet Results:

precision recall f1-score support

0 0.96 0.99 0.98 885

1 0.99 0.96 0.97 805

accuracy 0.97 1690

macro avg 0.97 0.97 0.97 1690

weighted avg 0.97 0.97 0.97 1690

Epoch 1: Loss 0.6241

Epoch 2: Loss 0.3960

Epoch 3: Loss 0.3147

Epoch 4: Loss 0.2653

Epoch 5: Loss 0.2226

Epoch 6: Loss 0.2013

Epoch 7: Loss 0.1822

Epoch 8: Loss 0.1581

Epoch 9: Loss 0.1501

Epoch 10: Loss 0.1371

Epoch 11: Loss 0.1149

Epoch 12: Loss 0.1227

Epoch 13: Loss 0.1130

Epoch 14: Loss 0.1047

Epoch 15: Loss 0.0916

Epoch 16: Loss 0.0899

Epoch 17: Loss 0.0811

Epoch 18: Loss 0.0857

Epoch 19: Loss 0.0738

Epoch 20: Loss 0.0770

LMDA Results:

precision recall f1-score support

0 0.99 0.99 0.99 885

1 0.99 0.99 0.99 805

accuracy 0.99 1690

macro avg 0.99 0.99 0.99 1690

weighted avg 0.99 0.99 0.99 1690

[C:\Users\sansk\miniconda3\Lib\site-packages\torch\_geometric\deprecation.py:26](file:///C:\Users\sansk\miniconda3\Lib\site-packages\torch_geometric\deprecation.py#line=25): UserWarning: 'data.DataLoader' is deprecated, use 'loader.DataLoader' instead

warnings.warn(out)

Epoch 1: Loss 3.0047

Epoch 2: Loss 1.0632

Epoch 3: Loss 1.0419

Epoch 4: Loss 0.8762

Epoch 5: Loss 0.7398

Epoch 6: Loss 0.7534

Epoch 7: Loss 0.7238

Epoch 8: Loss 0.7206

Epoch 9: Loss 0.7062

Epoch 10: Loss 0.6826

Epoch 11: Loss 0.6766

Epoch 12: Loss 0.6728

Epoch 13: Loss 0.6710

Epoch 14: Loss 0.6656

Epoch 15: Loss 0.6692

Epoch 16: Loss 0.6662

Epoch 17: Loss 0.6631

Epoch 18: Loss 0.6620

Epoch 19: Loss 0.6601

Epoch 20: Loss 0.6635

GCN Results:

precision recall f1-score support

0 0.57 0.93 0.70 885

1 0.73 0.23 0.35 805

accuracy 0.59 1690

macro avg 0.65 0.58 0.52 1690

weighted avg 0.65 0.59 0.53 1690