**Data Flow Diagram:**



**ECG signal fromMIT–BIHdatabase**

**Preprocessing andremovingArtifacts**

**QRSDetectionbyPan**

**–Tompkins’salgorithm**

**FeatureExtraction**

**SampleTrainingData**

**Training testedData**

**Classification**

**Normal**

**Tachycardia**

**Bradycardia**

**Block**