Literature Survey

S.No	TITLE	AUTHORS	OBJECTIVE
1.	Peak detection using efficient technique for tachycardia detection	Mohanty, M.D.; Mohanty, B.; Mohanty, M.N	To diagnose the cardiac states of human being is an important task for the physicians. Coronary Care units emphasizes on the task of accurate analysis of ECG signal at an early stage which can prevent any disease, like tachycardia, to escalate thereby reducing the mortality rate.
2.	Investigating cardiac arrhythmia in ECG using random forest classification.	Kumar, R.G.; Kumaraswamy, Y.S	Electrocardiogram (ECG) is used to assess the heart arrhythmia. Accurate detection of beats helps determine different types of arrhythmia which are relevant to diagnose heart disease. Automatic assessment of arrhythmia for patients is widely studied.

3.	Arrhythmia classification on ECG using Deep Learning	Rajkumar, A.; Ganesan, M.; Lavanya	In this paper, an intellectual based electrocardiogram (ECG) signal classification approach utilizing Deep Learning (DL) is being developed. ECG plays important role in diagnosing various Cardiac ailments
4.	Cardiologist-level arrhythmia detection with convolutional neural networks	Rajpurkar, P.; Hannun, A.Y.; Haghpanahi, M.; Bourn, C.; Ng, A.Y.	We develop an algorithm which exceeds the performance of board certified cardiologists in detecting a wide range of heart arrhythmias from electrocardiograms recorded with a single-lead wearable monitor. We build a dataset with more than 500 times the number of unique patients than previously studied corpora