**Title of the Project** : ROBOTIC AUTOMATED EXTERNAL DEFIBRILLATOR AMBULANCE

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**ABSTRACT**

Robotic systems are one of the key solutions for providing smart services. Time is a critical issue when dealing with people who experience a sudden cardiac arrest that unfortunately coulddie due to inaccessibility of the emergency treatment. Therefore,an immediate treatment using Automated External Defibrillator(AED) must be administered to the victim within a few minutesafter collapsing. Hence we have designed and developed theAmbulance Robot, shortened as Ambubot, which brings along anAED in a sudden event of cardiac arrest and facilitates variousmodes of operation .The prototype with biomedical sensors are used for monitoring the patient health continuously, the location of the patient can also be tracked in case of emergency via gsm.