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(57) Abstract :

In this current era, technology has stepped into various fields providing innovative solutions to several existing problems. This invention proposes an autonomous medicine dispensing system for providing service to victims during disastrous events. Lack of experienced medical officers in the spot of the disastrous event, leads to huge death of human life. Timely medication can save human life to greater extent reducing the severity of the health issue. An innovative robotic mobile system is proposed which involves both software and hardware mode. 3D modeling of the system is done using Pro- Engineer software. The system is able to detect specific patient using infrared technique which scans the unique digital code allocated for the patient bed. Dispensing of the medicine is done based on infrared counter where the medicines are dispensed with a delay of 3 to 5 seconds. Huge crowd at hospitals is avoided by this system as first aid medication can be provided by the proposed system at the medical camps setup near the disastrous event itself. This system is efficient in providing immediate medication without any considerable delay to the victims of a disastrous event.

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