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(71)Name of Applicant :

1)Koya Jeevan Reddy, Sreenidhi Institute of Science and Technology

Address of Applicant :Sreenidhi Institute of Science and Technology Yamnampet, Ghatkesar Hyderabad Telangana India 501301 Telangana India

2)Vikas Pandey,Babu Banarasi Das University,Lucknow

3)Shashikant,Babu Banarasi Das University, Lucknow

4)Dr. J. S. Binoj,Sree Vidyanikethan Engineering College (Autonomous)

5)Dr. Bharti Sharma,Maharaja Surajmal Institute of Technology

6)Priya Dalal,Maharaja Surajmal Institute of Technology

7)Mrs. G. Shyni,Edutancy Global Services

8)Dr. A. Sagal Francis Britto,Rohini College of Engineering and Technology

9)Dr. Binaya Patnalk

10)Yusuf Durachman,State Islamic University of Syarif Hidayatullah Jakarta

(72)Name of Inventor :

1)Koya Jeevan Reddy, Sreenidhi Institute of Science and Technology

2)Vikas Pandey,Babu Banarasi Das University,Lucknow
3)Shashikant,Babu Banarasi Das University, Lucknow

4)Dr. J. S. Binoj,Sree Vidyanikethan Engineering College (Autonomous)

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8)Dr. A. Sagal Francis Britto,Rohini College of Engineering and Technology

9)Dr. Binaya Patnalk

10)Yusuf Durachman,State Islamic University of Syarif Hidayatullah Jakarta

(57) Abstract :

Machine based smart behavior is provided by the technology of Artificial Intelligence. Prediction of Solution by the computer for any problem is based on its algorithms executed by its brain. Computer task are performed by Artificial Intelligence (AI) similar to that of human brain. Machines operating based on AI learn from the environment and act same as human intelligence. This invention focuses on traffic management for emergency vehicles based on Artificial Intelligence. The key problem faced by urban traffic system throughout the world is inefficient management of traffic by officials during emergencies leading to loss of life. Many deaths occur as the victim of an accident is not able to get the treatment on time. This invention proposes a lane management system based on AI for effective flow of traffic during medical emergencies. Real time tracking of the path of the ambulance is done and hence diverted based on the smart traffic management system. Artificial Intelligence based system predicts the path to be taken during medical emergencies saving human life.