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Patent Search

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Inventor	

Name	Address	Country	Nat
Dr BHOOPATHY VARADHARAJAN	PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, MALLA REDDY COLLEGE OF ENGINEERING COLLEGE, HYDERABAD - 500 100	India	Indi
ASHWINI KUMAR SAINI	ASSISTANT PROFESSOR DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING G.B. PANT INSTITUTE OF ENGINEERING AND TECHNOLOGY GHURDAURI PAURI GARHWAL 246194	India	Indi
AYOOBKHAN MOHAMED UVAZE AHAMED	SENIOR LECTURER, COMPUTING DEPARTMENT, WESTMINSTER INTERNATIONAL UNIVERSITY IN TASHKENT, TASHKENT	India	Indi
DR DWAITHA JAGADISH	ASSISTANT PROFESSOR, CIVIL ENGINEERING DEPARTMENT,SCHOOL OF ENGINEERING & TECHNOLOGY, JAIN DEEMED TO BE UNIVERSITY, JAKKASANDRA POST, KANAKAPURA TALUK,RAMANAGARA DISTRICT-562112	India	Indi
DR R JEGADEESAN	ASSOCIATE PROFESSOR & HOD, JYOTHISHMATHI INSTITUTE OF TECHNOLOGY & SCIENCE, NUSTULAPUR, KARIMNAGAR- 505 481	India	Indi
DR. ADITYA NITINBHAI CONTRACTOR	ASSISTANT PROFESSOR, DEPARTMENT OF ARCHITECTURE(GCPIAIF), VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT - 395007.	India	Indi
DR. ARVIND KUMAR SHUKLA	ASSOCIATE PROFESSOR,DEPARTMENT OF COMPUTER APPLICATIONS ,IFTM UNIVERSITY ,MORADABAD 244001	India	Indi
DR. MD ILYAS	ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, PRESTIGE INSTITUTE OF ENGINEERING MANAGEMENT & RESEARCH, INDORE- 452010	India	Indi
DR. SANJAY SINGH THAKUR	PROFESSOR AND HEAD, E&TC ENGG, A603 BLDG63 METRO RESIDENCY TILAK NAGAR CHEMBUR MUMBAI 400089	India	Indi
DR. SANJAY SRIVASTAVA	ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING,RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD -201001	India	Indi
DR. SHAHEENA KHATOON	SCHOOL OF STUDIES IN MATHEMATICS, PT.RAVISHANAKAR SHUKLA UNIVERSITY, RAIPUR (C.G.) 492010	India	Indi
DR.A.SASI KUMAR	PROFESSOR, DEPARTMENT OF BCA (ARTIFICIAL INTELLIGENCE & CYBER SECURITY), SCHOOL OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY, JAIN UNIVERSITY (DEEMED TO BE UNIVERSITY), JAYA NAGAR, 9TH BLOCK, BANGALORE – 560 069, INDIA.	India	Indi
HARSHADA RAJALE	ASSISTANT PROFESSOR, DEPARTMENT OF E&TC, VIDYALANKAR INSTITUTE OF TECHNOLOGY, MUMBAI 400 037	India	Indi
JAYA DIPTI LAL	ASSISTANT PROFESSOR IN ELECTRONICS AND TELECOMMUNICATION SHRI GOVINDRAM SEKSARIA INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE, MADHYA PRADESH	India	Indi
MD TABREZ NAFIS	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, JAMIA HAMDARD, NEW DELHI-110062	India	Indi
PROF.(DR.) PANKAJ KUMAR SHARMA	RAJSHREE INSTITUTE OF MANAGEMENT AND TECHNOLOGY, 16TH KM,PILIBHIT ROAD, RITHORA BAREILLY	India	Indi
RAMYA.D	ASSISTANT PROFESSOR,EEE,SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI,600119	India	Indi
Applicant			

Name	Address	Country	Nat
Dr BHOOPATHY VARADHARAJAN	PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, MALLA REDDY COLLEGE OF ENGINEERING COLLEGE, HYDERABAD - 500 100	India	Indi
ASHWINI KUMAR SAINI	ASSISTANT PROFESSOR DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING G.B. PANT INSTITUTE OF ENGINEERING AND TECHNOLOGY GHURDAURI PAURI GARHWAL 246194	India	Indi
AYOOBKHAN MOHAMED UVAZE AHAMED	SENIOR LECTURER, COMPUTING DEPARTMENT, WESTMINSTER INTERNATIONAL UNIVERSITY IN TASHKENT, TASHKENT	Uzbekistan	Indi
DR DWAITHA JAGADISH	ASSISTANT PROFESSOR, CIVIL ENGINEERING DEPARTMENT,SCHOOL OF ENGINEERING & TECHNOLOGY, JAIN DEEMED TO BE UNIVERSITY, JAKKASANDRA POST, KANAKAPURA TALUK,RAMANAGARA DISTRICT-562112	India	Indi
DR R JEGADEESAN	ASSOCIATE PROFESSOR & HOD, JYOTHISHMATHI INSTITUTE OF TECHNOLOGY & SCIENCE, NUSTULAPUR, KARIMNAGAR-505 481	India	Indi
DR. ADITYA NITINBHAI CONTRACTOR	ASSISTANT PROFESSOR, DEPARTMENT OF ARCHITECTURE(GCPIAIF), VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT - 395007.	India	Indi
DR. ARVIND KUMAR SHUKLA	ASSOCIATE PROFESSOR,DEPARTMENT OF COMPUTER APPLICATIONS ,IFTM UNIVERSITY ,MORADABAD 244001	India	Indi
DR. MD ILYAS	ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, PRESTIGE INSTITUTE OF ENGINEERING MANAGEMENT & RESEARCH, INDORE- 452010	India	Indi
DR. SANJAY SINGH THAKUR	PROFESSOR AND HEAD, E&TC ENGG, A603 BLDG63 METRO RESIDENCY TILAK NAGAR CHEMBUR MUMBAI 400089	India	Indi
DR. SANJAY SRIVASTAVA	ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING,RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD -201001	India	Indi
DR. SHAHEENA KHATOON	SCHOOL OF STUDIES IN MATHEMATICS, PT.RAVISHANAKAR SHUKLA UNIVERSITY, RAIPUR (C.G.) 492010	India	Indi
DR.A.SASI KUMAR	PROFESSOR, DEPARTMENT OF BCA (ARTIFICIAL INTELLIGENCE & CYBER SECURITY), SCHOOL OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY, JAIN UNIVERSITY (DEEMED TO BE UNIVERSITY), JAYA NAGAR, 9TH BLOCK, BANGALORE – 560 069, INDIA.	India	Indi
HARSHADA RAJALE	ASSISTANT PROFESSOR, DEPARTMENT OF E&TC, VIDYALANKAR INSTITUTE OF TECHNOLOGY, MUMBAI 400 037	India	Indi
JAYA DIPTI LAL	ASSISTANT PROFESSOR IN ELECTRONICS AND TELECOMMUNICATION SHRI GOVINDRAM SEKSARIA INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE, MADHYA PRADESH	India	Indi
MD TABREZ NAFIS	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, JAMIA HAMDARD, NEW DELHI-110062	India	Indi
PROF.(DR.) PANKAJ KUMAR SHARMA	RAJSHREE INSTITUTE OF MANAGEMENT AND TECHNOLOGY, 16TH KM,PILIBHIT ROAD, RITHORA BAREILLY	India	Indi
RAMYA.D	ASSISTANT PROFESSOR,EEE,SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI,600119	India	Indi

Abstract:

Vehicular adhoc network to avoid road accidents is the proposed invention. The proposed invention focuses on implementing the concept of vehicular adhoc networks for controlling the speed of the vehicles. The invention implements a centralized system to continuously monitor the speeding vehicles, the vehicles violating traffic rules, etc. reducing the number of road accidents.

<u>Complete Specification</u>

Claims:1.   Vehicular adhoc network to avoid road accidents comprises of
Base station and
Centralized system.
2.   Vehicular adhoc network to avoid road accidents, according to claim 1, includes a base station, wherein the base station is used to monitor the wireless transmission signals that is communicated between vehicles and centralized system.
3.   Vehicular adhoc network to avoid road accidents, according to claim 1, includes a centralized system, wherein the centralized system is used to establish communication and coordination among base station and vehicles in order to control and manage the road traffic.
, Description:[0001]   Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002]   Vehicle adhoc networks are created by applying the principles of mobile adhoc network's vehicle-to-vehicle and vehicle to roadside communications architecture will co-exist in VANET's to provide road safety, navigation and other roadside services. VANET's support a wide range of applications from simple one hop information dissemination to multi-hop dissemination of messages over vast distances.
[0003]   A number of different types of vehicles monitoring systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.
[0004]   US9637965B1 This solution will help to detect oncoming traffic and/or nearby external objects when the vehicle door is being opened, and it would automatical

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