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<p>(51) International classification :G05D0001000000, G05D0001020000, G01C0021340000, B60W0060000000, G06K0009620000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Mrs. L. Nagamani Address of Applicant :St. Martin's Engineering College, Dhulapally, Kompally, Secunderabad-500 100. ----- 2)Dr. Krishna Medaraboina 3)Mr. T Somasekhar 4)Dr. D. Maneiah 5)Dr. Swapnarekha Hanumanthu 6)Dr. Muppidi Rambabu 7)Ms. Maimuna Siddiqui 8)Ms. K. Archana Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Mrs. L. Nagamani Address of Applicant :St. Martin's Engineering College, Dhulapally, Kompally, Secunderabad-500 100. ----- 2)Dr. Krishna Medaraboina Address of Applicant :Matrusri Engineering College Osmania University, Saidabad Road, DBR enclave New Malakpet, Hyderabad, Telangana-500059 ----- 3)Mr. T Somasekhar Address of Applicant :Matrusri Engineering College Osmania University, Saidabad Road, DBR enclave New Malakpet, Hyderabad, Telangana-500059 ----- 4)Dr. D. Maneiah Address of Applicant :CMR Technical Campus, Kandlakoya (V), Medchal Road, Hyderabad – 501401, Telangana, India. ----- 5)Dr. Swapnarekha Hanumanthu Address of Applicant :Aditya Institute of Technology and Management, Tekkali, K Kotturu, Andhra Pradesh 532201 ----- 6)Dr. Muppidi Rambabu Address of Applicant :GMR Institute of Technology, Razam, Andhra Pradesh - 532127 ----- 7)Ms. Maimuna Siddiqui Address of Applicant :Guru Nanak Institutions Technical Campus,khanapur Vilege,manchal,Ibrahimpatnam,Telangana -501506 ----- 8)Ms. K. Archana Address of Applicant :St.Martin's Engineering College, Dhulapally, Kompally, Secunderabad-500 100 -----</p>
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(57) Abstract :

A self-driving car, also known as an autonomous vehicle (AV or auto), driverless car, or robotic car (robot-car) is a vehicle that is capable of sensing its environment and moving safely with little or no human input. Self-driving car combines a variety of sensors to perceive their surroundings, such as camera, ultrasonic sensor and inertial measurement units. It generates the best navigation path and shows it in the given navigation map from longitudinal and latitude data received from the live GPS receiver. The passengers are updated with the help of speaking module. Advanced control systems with help of AI interpret sensory information to identify appropriate navigation paths, as well as obstacles and relevant signs to safely navigate the vehicle in real world.

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