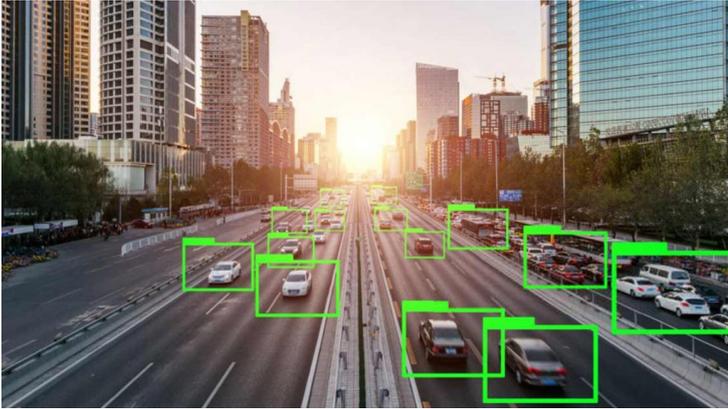


## Indian-origin team develops smarter self-driving car system



Since the last decade, the self-driving car is most talked technology projects to be analyzed and worked on. Leading companies like Tesla, Google, Volvo, Mercedes are in for the idea of developing efficient hybrid car sector. Meanwhile an Indian-origin team undertook a mission to make India stand on a global frontier of the self-driving vehicles by developing an AI model that utilizes human inputs to defend critical consequences while driving.

Regardless of the efficiency of any smart vehicle using AI inputs, overcoming real-time obstacles without consequences is a rare imagination and certain critical situations can be handled only through human inputs. So to handle these blind spots of errors existing in self-driving automobile, a team of Indian-American researchers from MIT and Microsoft designed a prototype/model that utilizes human inputs to defend critical consequences. The research team is headed by Ramya Ramakrishnan from MIT's CS and AI Laboratory , and the other researchers include Julie Shah, Ece Kamar, Debadepta Dey, and Eric Horvitz.

Ramakrishnan quotes that the model to assist to know something that the autonomous systems does not, and the safety system for AI can back both humanoid robots and self driving cars. The team now plans to use human intelligence as well to curb errors rather than totally eliminating it and no to rely only on simulation and training analysis. Some situations that "should" but does not alter the system's behavior are to be switched to the human inputs.

India is also going to be a big market for these hybrid cars as some of them are already set for their launch and several other research projects on self-driving cars are in progress under Flux Auto, FisheyeBox, Netradyne and other six startups of India. Companies like TCS-testing self-driving Nano, Infosys- inducing self-driving rikshaw, and Tech Mahindra's enrichment in the technology will help India steer its future of self-driving vehicles.