

Automotive and Autonomous Systems

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The Problem of today's Vehicles

Introduction:

With the rapid developments in the world of materials and the development of production methods, the world has become a place where different technological arguments are spoken. The most affected unit in this area is the transportation sector without maintenance. Unlike the old vehicles, we now see vehicles that can talk to each other and move unmanned that do not pollute the environment at all on the market more often now. Vehicle companies, on the one hand, produce vehicles that use the internal combustion engine as a power source, and on the other hand, try to encourage the use of electric vehicles. With the production of various models of electric vehicles in luxury and mid-segment categories, motor vehicle technology has entered a new phase. This stage is the process of the use and production of fully autonomous electric vehicles.

Conclusion:

However, there are still uncertainties about the use of vehicles with internal combustion engines used by humans. What about billions of vehicles. How it will be used or how it will be evaluated. These questions need to be answered and resolved as soon as possible. Here, the companies that will save the conversion business and work on it will have developed an important product that will provide added value with a high market value. As soon as possible, it is necessary to create important initiatives that will ensure the transformation of vehicles into electric systems, and academic studies should focus on this issue.

Keywords:

Electric vehicles, Conversion, Internal combustion engines

Biography:

Salih Ozer, he received his Bachelor's degree from Zonguldak Karaelmas University Technical Education Faculty in the year 2008 and Master's degree from Karabuk University Technical Education Faculty in the year 2010. He received his Ph.D. from Karabuk University-Mechanical Education Department, in 2015. His area of interest in renewable energy systems, internal combustion engines, alternative fuels, and engine performance and exhaust emissions. He is currently working on the production of biodiesel and its use in compression ignition engines. He has published/presented many research papers in reputed international and national journals and conferences. He is still the head of the Department of Machinery, Faculty of Engineering and Architecture at Muş Alparslan University. It also provides postgraduate education in energy systems.

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