

## Faculty Profile



### **Mr. S. Arulanantha Samy**

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Total Experience (in years): 8

Research Area: Mechatronics, Energy, Automation, Transportation, Vehicle Dynamics, Aircraft Mechanics and Robotics

### **Recent Publications:**

1. M. Jaikumar and S.A. Samy. 2021. Minimization of Water Consumption for a Typical Water Transportation System using Reversed Wave Energy Converter Principle, Int. J. Vehicle Structures & Systems, 13(3), 261-264. doi:10.4273/ijvss.13.3.01.
2. Santhiyagu, A.S. and Mayakrishnan, J., "Exploration of Partially Levitated Transport Mode Using Buoyancy Phenomenon of Two Different Fluids," SAE Technical Paper 2020-01-5043, 2020, doi:10.4271/2020-01-5043.
3. Santhiyagu, A. and Mayakrishnan, J., "Conceptual Study of a Fluid-Based Transportation Mode Using the Principle of a Reversed Wave Energy Converter," SAE Technical Paper 2021-01-5057, 2021, doi:10.4271/2021-01-5057.