

NAME: Dr. T. SHANMUGANATHAN

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SPECIALIZATION:

- VLSI system Design
- Vehicle Electronics System Design
- Sensor Technology
- Model based System Design
- Vehicle Diagnosis.
- Electric Vehicle Design & Self-Driving Car Design



EDUCATION:

- B.E -Electronics Communication Engineering, Anna University, Chennai, 2007
- M.E -VLSI Design, Anna University, Chennai, 2011
- Ph. D- Engineering and Technology, Hindustan University, Chennai, 2022

PUBLICATIONS

- Published **10 Research Articles** in International Journals and Conferences in the field of Automotive Electronics System Design, and VLSI System Design

FUNDED RESEARCH PROJECT

- Co- Principal Investigator for DAAD Funded Research Projects on Driver Assistance System in association with Trier University of Applied Science, Germany - DAAD Funding: 493.890,42 Euro (Rs. 3,82,10,431.52) - Application Number: 57473954 (2019-2023) - Principal Investigator: Prof. Dr. Peter Koenig, TUAS and Prof. Dr. M. Jaikumar, HITS.

CONSULTANCY RESEARCH PROJECT

- Co-Investigator, Consultancy Project on Driver Assistance System Design in association with Krux Studio, Mumbai - Principal Investigator: Prof. Dr. M. Jaikumar, HITS.

PATENT

- International patent entitled on "A CHILD OCCUPANT PROTECTION AND SAFETY ASSISTING SYSTEM FOR VEHICLE" from IP Australia, Australian Government - Patent Number: 2021104587

INDUSTRY ASSOCIATION

- Technical Trainer in Autotronics certified by Volkswagen Group of Academy, Pune
- Technical Trainer in Vehicle Diagnosis certified by Bosch Automotive, Bangalore
- Training Centre is established in association with Volkswagen & Bosch at HITS.