

Faculty Profile



Mr. Raghavendran. P. R.

Assistant Professor (S S)&Head - Motorsports Activities,

Department of Automobile Engineering, HITS

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Total Experience (in years): 7

Research Area: Vehicle Dynamics, Suspension Analysis, EV, Motorsports.

Recent Publications:

- Journal Name:** International Journal of Vehicle Structures & Systems
Journal Title: Design and Optimization of Rear Wheel Assembly for All – Terrain Vehicle
Journal doi: <http://doi.org/10.4273/ijvss.13.3.07>
Published on: August 2021
- Journal Name:** Renewable Energy and Water Sustainability
Journal Title: Investigation on heat transfer enhancement of conventional and staggered fin solar air heater coated with CNT-black paint—an experimental approach
Journal doi: <http://doi.org/10.1007/s11356-019-07561-1>
Published on: January 2020

Awards and Recognitions

- Awarded 2nd place in ARAI SPPC NVH Category SIAT 2015 by Mr. Nitin Gadkari – Union Minister for Road Transport and Highways.

Guided Projects (Phd/PG/UG)

- Improvement of Ride Comfort of Half Car Model Using Various Control Strategies (PG).
- Improvement in Ride Comfort and Vehicle Road Characteristics of Quarter Car Model (PG).
- FMSCI Regulated Race Car (UG).
- BAJA, SUPRA & Solar championship vehicles (Interdepartmental projects).

Memberships

- SAE India & International – Life Member.
- Teaching and Education Research Association (TERA) – Life Member.