

Name : **Mr. S. MATHAVAN**
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Objective:

To evolve an effective academician, trainer and researcher in the field of advances in Automobile Technology

Areas of Specialization:

Experimental Engine Testing in Alternative Fuels, Waste Heat Recovery, Engine Simulation, Engine Calibration and Emission Reduction in After Treatment system like SCR, Catalytic Converter, EGR, etc

Ph.D (Pursuing): After Treatment System for Low Temperature Combustion Engines

Supervisor- Dr. G. Nagarajan, Professor, Internal Combustion Engineering Division, Department of Mechanical Engineering, College Of Engineering- Guindy,

FDP Attended: Attended more than 40 faculty development programs & workshops.

Publications: 4 International peer reviewed journal and 01 in National journal & conference.

- Performance and emission characteristics of diesel blended with sweet lime peel oil and corn oil
- Analysis on Mechanical properties of wood plastic composite.
- Emission characteristics study of Gasoline-Diesel and Gasoline-Diesel/pentanol blend
- Experimental Investigation on Emission Characteristics of Diesel N-Pentanol Blend in Homogeneous Charged Compression Ignition Engine
- An Investigation on Waste Heat Recovery from Internal Combustion Engine

Work Experience:

- Institution: **Saveetha Engineering College**, Thandalam,

Duration: 16 June 2017 – 02 June 2019

Designation: Assistant Professor (OG)

- Institution: **KCG College of Technology**, Karapakkam,

Duration: 03 June 2019 – Till date

Designation: Assistant Professor (OG)

Company profile

- I had worked as **Production Head** in **SPR TOOLS** at Thirumudivakkam, Chennai.

Duration: April, 2014 – June 2015

- I had worked as **Maintenance Engineer** in **SAMITHRA ICE PLANT**, Royapuram.

Duration: June, 2015 – April 2017