

SATHISH KUMAR M

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To gain a professional platform in an aim to explore and utilize my knowledge and skills aiding both organization development and personal enhancement.

ACADEMIC DETAILS

M.E AUTOMOBILE ENGINEERING (2020) with an aggregate mark of **7.5 CGPA** from Madras institute of technology, Chennai.

B.E MECHANICAL ENGINEERING (2018) with an aggregate mark of **7.0 CGPA** from Prince shri venkateshwara padmavathy engineering college, Chennai.

HSC (2014) with an aggregate mark of **85.4 %** from Sri vaiyapuri Vidyalaya matriculation higher secondary school, Sankarankovil.

SSLC (2012) with an aggregate mark of **92.4 %** from Sri vaiyapuri Vidyalaya matriculation higher secondary school, Sankarankovil.

PROJECTS

TITLE: Performance analysis of a two wheeler single cylinder petrol engine using LPG.

DESCRIPTION: Implication of LPG in two Wheeler engines and eliminate the use of conventional fuels.

TITLE: Performance improvements in hybrid vehicle.

DESCRIPTION: To improve the performance of hybrid vehicles by utilizing the mechanical energy from rotating components.

TITLE: Experimental validation and simulation on performance, emission and combustion analysis of an RCCI engine.

DESCRIPTION: To simulate the combustion analysis of an diesel engine in dual fuel mode and to analyse the thermal efficiency of an engine and to reduce NOx and particulate emissions using fuels with two different reactivities by both experimental and simulation model.

FIELD OF INTEREST

- IC engines
- Electric and hybrid vehicle
- Vehicle aerodynamics
- CAE/CAD
- CFD

SOFTWARE PROFICIENCY

- NX cad
- Catia V5
- ANSYS
- Solid works
- Basics of C, Arduino

INTERPERSONAL SKILLS

- Ability to cope up with different situation.
- Ability to rapidly build relationship and setup trust.
- Confident and determined.

CERTIFICATION

- NX CAD
- NX thermal and Flow analysis

CO-CURRICULAR ACTIVITIES

- One day industrial visit in UCAL fuel systems.
- One day industrial visit in TEL TURBO LIMITED.

HOBBIES

- Gardening.
- Cooking.
- Surfing internet.

PERSONAL DETAILS

- Father's name : S. Muthuraj
- DOB & Age : 18th SEPT 1996 – 24 years.
- Nationality : Indian
- Marital Status : Single
- Languages Known : Tamil, English, Telugu, Hindi (R,W)

REFERENCE

DR.G. ANAND KUMAR,
Assistant professor,
Madras institute of technology,
anand8285@gmail.com.

DECLARATION

I (SATHISH KUMAR M) hereby declare you that the above furnished details are true to the best of my knowledge.

Place: Chennai.


(SATHISH KUMAR M)