

S. GOKULRAJ

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🐦 <https://twitter.com/itsmegokulraj?s=09>

OBJECTIVE

To be a successful professional in a globally respected company and to achieve the objectives of the company with honesty and fairness and to continuously upgrade my knowledge and skills.

EDUCATION

- **Apollo engineering college**
2020
MECHANICAL ENGINEERING
72%
- **St.Johns hr sec school**
2016
HSC
54.41%
- **St.Johns hr sec school**
2014
SSLC
68.6%

SKILLS

- CATIA V5 (basics)
- ANSYS (basics)
- AUTO CAD (basics)
- Ms office (word, excel, powerpoint)

PROJECTS

- **DESIGN AND FABRICATION OF PNEUMATIC ENGINE**
 - An concept of driving an vehicle using compressed air and pneumatic cylinder. The to and fro motion from the pneumatic cylinder is made continuously and converted into rotational motion using crankshaft.
 - Air from atmosphere is compressed using an compressor and directed to the pneumatic cylinder through control valves .
 - The reciprocal motion from the pneumatic cylinder is converted into rotational motion using an crankshaft and connecting rod .
 - And that rotational motion is used to drive the vehicle resulting in zero toxic waste .

- **PERFORMANCE AND ANALYSIS OF A FOUR STROKE DIESEL ENGINE USING PRE-HEATER**

- Installing an air pre heater before air intake valve of an engine.
- The air pre heater consist of an housing holding an wire coil which is made up of nichrome alloy as heating element. The wire coil is powered by 12v dc battery.
- The air at atmospheric temperature passing through the pre heater gets heated to a temperature and used as engines intake air .
- The heated air has huge chances to reduce the nitrous oxide and carbon monoxide emission from engine.

LANGUAGE (READ, WRITE AND SPEAK)

- Tamil
- English

INTERESTS

- Automotives
- Design softwares

PERSONAL QUALITIES

- Highly motivated and positive
- Quick learner
- Flexibility
- Discipline and punctual ability

PERSONAL DETAILS

- Name : S. GOKULRAJ
- DOB : 16/03/1999
- Father's name : N. Shanmuga Sundaram
- Sex : Male
- Nationality : INDIAN
- Passport status : Available