M.KUMARASAMY
COLLEGE OF ENGINEERING
NAAC Accredited Autonomous Institution
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Thalavapalayam, Karur, Tamilnadu.

MINOR PROJECT
ZEROTH REVIEW

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ELECTRIC POWER USING EXHAUST HEAT

PROJECT OBJECTIVE

The design of waste heat recovery system that aims to generate electric power by using the exhaust heat that produced from an internal combustion engine. Experimental studies were conducted to achieve electricity generation by the thermoelectric generator (TEG). However, by this electrical generated we can utilize many applications such as charging battery or run some electronic components.

PROJECT OVERVIEW

- To design a system that operates at a high temperature engine exhaust to generate free electricity.
- The conversion of waste heat into free electricity by using thermoelectric generators and make it usable.
- To develop a power generation method the every source of energy.
- Maintain the heat transfer from hot side to cold side of the system in order to make it more efficient.

REFERENCE

1.Use of exhaust heat energy of two wheelers to generate power by seebeck effect

Shubham Suryawanshi, Manasi Sonawane, Arpit Sharma, Shraddha Kshirsagar, Vivek Diware

Student, Department of Mechanical Engineering, DY Patil College of Engineering, Maharashtra, India

2. Some YouTube Videos to know more about this project.

THANK YOU