

## EXPERIMENTAL INVESTIGATION OF CI ENGINE USING BIO-DIESEL BLEND TO STUDY EMISSIONS UNDER DIFFERENT LOADING CONDITIONS

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### **ABSTRACT**

*Pollution in the environment is increasing the global warming effect. We are also looking forward for alternative fuel because of increasing the demand and usage of fossil fuel. While using alternative fuel it's also increase in some percentage of emissions and decreases the efficiency. Bio diesel blend using in engine will affects all parameters of the engine like Brake power, emissions, and heat release. But here we are considering only emissions. Here we are also study for which percentage the bio diesel should have optimum value.*

**KEYWORDS:** *Bio Diesel, Emission, Single Cylinder, Diesel Engine, Exhaust Emissions*