

# A Role of Exhaust Gas Recirculation System of Vehicle for Minimization of Environmental Pollution

**Dr. Khaja D. Atar<sup>1</sup>, Dr. Kavita Tiwade, Dr. Salama Isak Maner**

Department of Electronics, The New College, Kolhapur<sup>1</sup>

Head, Department of English, Vivekanand College (Autonomous), Kolhapur<sup>2</sup>

Department of English, Vivekanand College (Autonomous), Kolhapur<sup>3</sup>

akdnck@newcollege.ac.in

**Abstract:** Recently vehicle exhaust gas is major problem. During fuel combustion, the major expelled gasses of vehicles are carbon mono-oxide, particulate matter, carbon-di-oxide, hydro-carbons and nitrogen oxide. Nitrous oxide is very harmful to living things. The heavy duty vehicle engines are ON more time during transportation while it expels more nitrogen oxides. Exhaust Gas Recirculation (EGR) is a technology which re-circulates the exhaust gasses and minimizes the percentage of harmful exhaust gasses of vehicle. Now only Low Pressure Exhaust Gas Recirculation (LPEGR) or High Pressure Exhaust Gas Recirculation (HPEGR) are implemented in costly engines only. If both Low LPEGR and HPEGR are implement then can be improve the harmful emissions.

**Keywords:** Exhaust Gas, Vehicle, Exhaust Gas Recirculation, Engine, Combustion chamber, fuel etc.

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