Paper ID: NITETMECH30 INVESTIGATION PARAMETERS REQUIRED FOR THE PERFORMANCE OF IC ENGINE

Sudershan B. Gadwal Head of Department, Associate Professor, Department of Mechanical Engineering, A.G.P.I.T., Solapur Maharashtra, India.

> M.A.Kamoji Dean Academics, Professor, Dept. of Mechanical Engineering, KLE'S Dr. MSSCET, Belgaum Karnataka, India.

P.B.Rampure Head of Department, Professor, Department of Mechanical Engineering, KLECET, Chikodi, Karnataka, India.

Dumma Vinayak Baswaraj Students of Mechanical Engineering, A.G. Patil Institute of Technology, Solapur Maharashtra, India.

Birjadar Nagraj Siddray Students of Mechanical Engineering, A.G. Patil Institute of Technology, Solapur Maharashtra, India.

Mule Ganesh Bharat Students of Mechanical Engineering, A.G. Patil Institute of Technology, Solapur Maharashtra, India.

Nimbal Vinet Vijakumar Students of Mechanical Engineering, A.G. Patil Institute of Technology, Solapur Maharashtra, India.

ABSTRACT

Developing countries like India mainly depend on other fuel supplying countries due to which the economics of country is moderate. Due to industrialization and urbanization usage of fuel for transportation has been sharply increased. Many research scholars are working for alternative fuels to substitute the petroleum. The present study gives as over view the parameters considered for the investigation of I C Engines. Combustion parameters, performance parameters, emission parameters have been explained in details.

KEYWORDS: Alternative fuels, Combustion parameters, performance parameters, emission parameters.