

Place: Chennai

Date: 31.10.2014

CENTRE FOR RESEARCH ANNA UNIVERSITY, CHENNAI – 600 025



CERTIFICATE

١.	This is to certify that no corrections/suggestions were pointed out by the Indian/Foreign Examiner(s) in	
	the Thesis titled	submitted by
	Mr./Ms. (OR)	9
2.	This is to certify that all corrections and suggestions pointed out by the Indian /Foreign Examiner(s) are incorporated in the Thesis titled "EXPERIMENTAL INVESTIGATION ON PERFORMANCE, EMISSION AND COMBUSTION CHARACTERISTICS OF A DI DIESEL ENGINE OPERATING WITH OXYGEN	
	ENRICHED HYDROGEN GAS" submitted by Mr./Ms. Premkartikkumar. SR	
		on the Supervisor
5	Signature of the Joint Supervisor	gnature of the Supervisor
	Departs Madras	K. ANNAMALAI, Ph.D., Assistant Professor ment of Automobile Engineering Institute of Technology Campus niversity, Chromepet, Chennal-44.



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PROCEEDINGS OF THE Ph.D. VIVA-VOCE EXAMINATION OF Mr./Ms. Premkartikkumar SR
HELD AT DEPARTMENT OF AUTOMOBILE ENGINEERING, MIT CAMPUS 11.30 A.M. ON 31.10.14

The Ph.D. Viva-Voce Examination of Mr./Ms. Premkartikkumar SR (Reg. No. 1014239716) on his Ph.D. Thesis Entitled "EXPERIMENTAL INVESTIGATION ON PERFORMANCE, EMISSION AND COMBUSTION CHARACTERISTICS OF A DI DIESEL ENGINE OPERATING WITH OXYGEN ENRICHED HYDROGEN GAS" was conducted on 31.10.14 at 11.30 A.M in the Department of Automobile Engineering, MIT Campus.

The following Members of the Oral Examination Board were present:

1. Dr. R. Anand, Assistant Professor, NIT, Trichy Indian Examiner

2. Dr. V. Ganesan, Professor – Emeritus, IITM Subject Expert

3. Dr. K. Annamalai, Assistant Professor, MIT Supervisor & Convener

The research scholar, Mr./Ms. Premkartikkumar SR presented the salient features of his/her Ph.D. work. This was followed by questions from the board members. The questions raised by the Foreign and Indian Examiners were also put to the scholar. The scholar answered the questions to the full satisfaction of the board members.

The corrections suggested by the Indian/Foreign examiner have been carried out and incorporated in the Thesis before the Oral examination.

Based on the scholar's research work, his/her presentation and also the clarifications and answers by the scholar to the questions, the board recommends that Mr./Ms. Premkartikkumar SR be awarded Ph.D. degree in the Faculty of Mechanical Engineering.

V - Camps and Subject Expert

Supervisor & Convener

Joint Supervisor (if any)

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The research work embodied in the present Thesis entitled "EXPERIMENTAL INVESTIGATION ON PERFORMANCE, EMISSION AND COMBUSTION CHARACTERISTICS OF A DI DIESEL ENGINE OPERATING WITH OXYGEN ENRICHED HYDROGEN GAS" has been carried out in the Department of Automobile Engineering, Anna University - MIT Campus, Chennai. The work reported herein is original and does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion or to any other scholar.

I understand the University's policy on plagiarism and declare that the thesis and publications are my own work, except where specifically acknowledged and has not been copied from other sources or been previously submitted for award or assessment.

Signature of the Scholar

Counter signed by

Signature of the Supervisor

Dr. K. ANNAMALAI

SUPERVISOR

Assistant Professor (Senior Grade)
Department of Automobile Engineering
MIT, Anna University
Chennai - 600 044, India