



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



No. : 7374

Reg. No. : 13REME1010

The Board of Management of this Deemed University
hereby makes known that

J.M. BABU

has been admitted to the Degree of
Doctor of Philosophy
in

MECHANICAL ENGINEERING

having been certified by duly appointed examiners to be
qualified to receive the same in the year **MAR-2018**
in accordance with the provisions of
UGC Regulations, 2013 (for award of Ph.D. Degree)

Title of the Thesis:

**EXPERIMENTAL INVESTIGATION ON THE EFFECT OF INJECTION
PRESSURE ON ENGINE PERFORMANCE AND EMISSIONS WHEN
OPERATED WITH HHO GAS ALONG WITH COTTON SEED BIODIESEL**

Given under the seal of this Deemed University

11.08.2018


Registrar


Vice Chancellor


President





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PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr./Ms. J-M. BABU HELD AT 10:30 A.M./P.M. ON 10-03-2018 IN THE VIDEO CONFERENCE HALL VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

The Ph.D. Oral Examination of Mr./Ms. J.M. BABU (Reg.No. 13REME1010) on the thesis Experimental Investigation on the effect of Injection Pressure on Engine Performance and Emission when Operated with ^{H₂O} Gas ^{along with Cotton Seed Biodiesel} has been conducted on 10-03-2018 at 10:30 A.M./P.M. in the VIDEO CONFERENCE HALL Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. R.B. ANAND

Thesis Examiner

2. Dr. V.P. CHANDRAMOHAN

Expert Member

3. Dr. R. VELU

Supervisor & Convener

12.03.18
The research scholar Mr./Ms. J-M-BABU has presented the salient features of his/her research work. The members of the Board and audiences have posed the questions related to the subject. The questions raised by the Foreign and Indian Examiners have also been put to the scholar. The scholar has answered all the questions from the Board Members and the audiences. The scholar's performance in the Ph.D. Oral Examination is Good.

Based on the scholar's research work, oral presentation and, clarifications and answers to the questions from the Examiners and audiences, the Board unanimously recommends to accept the Ph.D. Thesis for the award of Degree of Doctor of Philosophy in MECHANICAL ENGINEERING in the School of MECHANICAL AND CONSTRUCTION, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. J-M-BABU.

- 1.
- 2.
- 3.

Thesis Examiner

Expert Member

Supervisor & Convener

10/3/2018
10/3/2018
10/3/2018

Prof. Dr. E. Kannan
Rector

**REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF MR. J.M. BABU, (REG. NO. 13REME1010), PART-TIME RESEARCH
SCHOLAR, DEPARTMENT OF MECHANICAL ENGINEERING, VEL TECH
RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND
TECHNOLOGY, AVADI, CHENNAI- 600062.**

The Public Viva-Voce examination of Mr. J.M. Babu, (Reg. No. 13REME1010), on his thesis entitled "*Experimental Investigation on the Effect of Injection Pressure on Engine Performance and Emissions when Operated with HHO Gas along with Cotton Seed Biodiesel*" submitted for the award of Ph.D degree in MECHANICAL ENGINEERING of Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology has been conducted as per the following schedule:

Date: 10/03/2018, Saturday at 10.30 a.m.

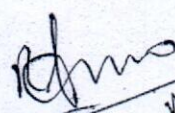
Venue: Video Conference Hall, VTU

External Examiners: Dr. R.B. Anand,
Associate Professor,
Department of Mechanical Engineering,
National Institute of Technology,
Tiruchirappalli- 620015.
Ph. No. +91 -431 -250 3409.

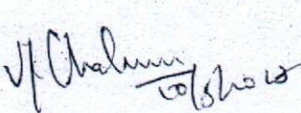
Dr. V.P. Chandramohan
Assistant Professor,
National Institute of Technology,
Warangal – 506004.
Phone: 8332969329,
Email: vpcm80@nitw.ac.in

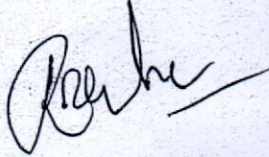
Supervisor and Convener: Dr. R. Velu
Professor,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology

Based on the candidate's exposition of his thesis and his answers to the questions raised by the examiners and other participants, the Board of Examiners has resolved to recommend that the performance of the candidate in his Ph.D. Oral Examination is Good and declare to have Passed his Ph.D. Oral Examination and further recommend the award of Ph.D degree in MECHANICAL ENGINEERING of Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology to the candidate.


External Examiner

(Dr. R.B. Anand)


Expert Member


Supervisor