



Vel Tech

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



Sl. No. : **8195**

Reg. No. : **15REME1004**

The Board of Management of
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology (Deemed to be University)

hereby makes known that

SIDDESWARA RAO B
S/O ANASUYAMMA

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 **AUG- 2019**

in accordance with the provisions of

UGC Regulations 2009 (for the award of Ph.D. Degree)

Title of the Thesis:

**PERFORMANCE AND EMISSION CHARACTERISTICS OF A FOUR STROKE DI DIESEL
ENGINE FUELED WITH DIFFERENT BIODIESEL BLENDS AND NANO FLUIDS**

Given under the seal of this Deemed to be University

Dated : **23.10.2020**

Registrar



Vice Chancellor



Chancellor



Vel Tech

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



PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr./Ms. B. SIDDESWARA RAO HELD AT 11.00 A.M./P.M. ON 16.08.2019 IN THE MECHANICAL ENGINEERING, VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

The Ph.D. Oral Examination of Mr./Ms. B. SIDDESWARA RAO (Reg.No. 15KEME1004) on the thesis PERFORMANCE AND EMISSION CHARACTERISTICS OF A FOUR STROKE DI DIESEL ENGINE has FUELED been conducted on 16.08.2019 at 11.00 A.M./P.M. in the 1222 (Wright brother hall) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. P. Venkata Ramaiah
2. Dr. V. Edwin GEO
3. Dr. Amala Justus Selvam

Thesis Examiner -

Expert Member -

Supervisor & Convener -

The research scholar Mr./Ms. B. SIDDESWARA RAO 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. B. SIDDESWARA RAO.

1. Dr. P. Venkata Ramaiah Thesis Examiner -

2. Dr. V. Edwin GEO Expert Member -

3. Dr. Amala Justus Selvam Supervisor & Convener -

Qa

Dr. B. Siddeswara Rao
16/08/19



**REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF Mr. B. SIDDESWARA RAO, (Reg. No. 15REME1004), 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. B.Siddeswara Rao, (Reg. No. 15REME1004), on his thesis entitled "*Performance and Emission Characteristics of a Four Stroke Di Diesel Engine Fueled with Different Biodiesel Blends and Nano Fluids*" submitted for the award of Ph.D degree in MECHANICAL ENGG of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date: 16/08/2019, Friday at 11.00 a.m.
Venue: Wright Brothers Hive, Room No. 1722, Vel Tech
External Examiners: Dr P Venkataramaiah
Professor,
Department of Mechanical Engineering,
S V University College of Engineering,
Tirupati – 517644, A.P., India.
Mobile: +918523891853
Email: pvramaiah@gmail.com

Dr V Edwin Geo,
Professor,
Department of Automobile Engineering,
SRM Institute of Technology,
Kattankulathur 6032020, TamilNadu.
Mobile: 9840498667
Email: edwingeo.v@ktr.srmuniv.ac.in

Supervisor and Convener: Dr. Amala Justus Selvam, (Professor, Vel Tech)

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

Expert Member

Supervisor