



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. : **8223**

Reg. No. : **15REME1008**

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

K KARTHIK

S/O YASOTHA KRISHNASAMI

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 **OCT- 2020**

in accordance with the provisions of

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

Title of the Thesis:

**STUDIES ON MECHANICAL VIBRATION AND WEAR BEHAVIOUR OF HYBRID
POLYMER MATRIX COMPOSITES**

Given under the seal of this Deemed to be University

Dated : **23.10.2020**



Registrar

Vice Chancellor

Chancellor



Vel Tech

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**REPORT OF THE BOARD OF EXAMINERS FOR THE PH. D PUBLIC ORAL
EXAMINATION OF K KARTHIK (REG. NO. 15REME1008), 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 K. Karthik (Reg. No. 15REME1008), on his Ph. D thesis entitled "*Studies on Mechanical Vibration and Wear Behaviour of Hybrid Polymer Matrix Composites*" submitted for the award of Ph. D degree in the Department of Mechanical Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date : 16/10/2020, Friday at 11.00 A.M.
Mode : Online Video Conference - Zoom
Meeting Link : Meeting ID:- 853 6191 8438, Password:- 123456
<https://us02web.zoom.us/j/85361918438?pwd=M3BqK3U0WXFOTis3am8wVTV4R0xmUT09>

Indian Examiner : Dr. A. Suresh Babu
Associate Professor & Head
Department of Manufacturing Engineering
College of Engineering Guindy, Anna University
Chennai - 600025, Tamilnadu, India.
Email: subaceg@gmail.com; Mobile: +91 9840589469

Subject Expert : Dr. G. Dilli Babu
Associate Professor
Department of Mechanical Engineering
V.R. Siddhartha Engineering College
Vijayawada - 520007, Andhra Pradesh, India.
Email: gdillibabu@gmail.com; Mobile: +91 9393271212



Supervisor and Convener : Dr. D. Rajamani (Associate 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 have 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.

Subject Expert

Indian Examiner

Supervisor



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

[Signature]



**PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr. K. KARTHIK
HELD AT 11 A.M. ON 16.10.2020 THROUGH ONLINE MODE AT VEL TECH
RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND
TECHNOLOGY, AVADI, CHENNAI-600 062.**

The Ph.D. Oral Examination of Mr./Ms. K. Karthik (Reg. No. 15REME1008) on the thesis title Studies on Mechanical Vibration and Wear Behaviour of Hybrid Polymer Matrix Composites has been conducted on 16.10.2020 at 11 A.M./P.M, through online mode using Zoom tool.

Members Present

- | | |
|-----------------------|-----------------------|
| 1. Dr. A. Suresh Babu | Indian Examiner |
| 2. Dr. G. Dilli Babu | Subject Expert |
| 3. Dr. D. Rajamani | Supervisor & Convener |

The research scholar Mr./Ms. K. Karthik 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 16.10.2020.

Based on the scholar's research work, oral presentation, 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.K. Karthik.

1. *[Signature]*
16/10/2020

Indian Examiner

2. *[Signature]*
16/10/2020

Subject Expert

3. *[Signature]*
16/10/2020

Supervisor & Convener