



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. : **10796**

Reg. No. : **16REME1006**

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

B. MADHUSUDHANA REDDY

S/O BALIREDDY SYAMALAMMA

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 **SEP-2021**

in accordance with the provisions of

UGC Regulations 2016 (for the award of Ph.D. Degree)

Title of the Thesis:

**DEVELOPMENT OF AL 5056 / CNT NANO COMPOSITE AND PROCESS PARAMETER
OPTIMIZATION IN THE WIRE ELECTRICAL DISCHARGE MACHINING**

Given under the seal of this Deemed to be University

Dated : 06-NOV-2021

Registrar



S. Sahin
Vice Chancellor



B. Sagunthala
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. B. MADHUSUDHANA REDDY HELD AT 09.30 A.M. ON 17.09.2021 THROUGH ONLINE MODE AT VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

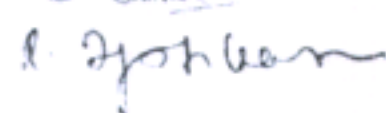
The Ph.D. Oral Examination of Mr. B. Madhusudhana Reddy (Reg.No.16REME1006) on the thesis "**Development of Al 5056 / CNT Nano Composite and Process Parameter Optimization in the Wire Electrical Discharge Machining**" has been conducted on **17.09.2021** at **09.30 A.M.** through online mode using Zoom tool.

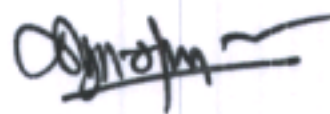
Members Present

- | | |
|---|-----------------------|
| 1. Dr. Basil Kuriachen, Associate Professor, NIT Calicut | Indian Examiner |
| 2. Dr. R. Jothi Basu, Professor, Presidency University, Bangalore | Subject Expert |
| 3. Dr. P. Anand, Associate Professor | Supervisor & Convener |

The research scholar **Mr.B Madhusudhana Reddy** has presented the salient features of his 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, 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. B. Madhusudhana Reddy**

- | | |
|--|-----------------------|
| 1.  | Indian Examiner |
| 2.  | Subject Expert |
| 3.  | Supervisor & Convener |





**REPORT OF THE BOARD OF EXAMINERS FOR THE PH.D PUBLIC ORAL
EXAMINATION OF B. MADHUSUDHANA REDDY (REG. NO. 16REME1006), 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 B. Madhusudhana Reddy (Reg. No. 16REME1006), on his Ph.D thesis entitled "*Development of Al 5056 / CNT Nano Composite and Process Parameter Optimization in the Wire Electrical Discharge Machining*" 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 : 17/09/2021, Friday at 09.30 a.m.
Mode : Online Video Conference – Zoom
Meeting Link : Meeting ID:- 815 7834 5075, Password:- Mech

<https://us02web.zoom.us/j/81578345075?pwd=M0UwMnBpSlAxL0F0WUtWK0dtUmhHUT09>

Indian Examiner : Dr. Basil Kuriachen, Associate Professor,
Department of Mechanical Engineering,
National Institute of Technology, Calicut - 673601,
Kerala.
Email: bk@nitc.ac.in

Subject Expert : Dr. Jothi Basu Ramanathan,
Professor, Presidency University,
Bangalore,
Email: basurjbe@gmail.com

**Supervisor and
Convener** : Dr. Anand. P, Associate Professor,
Department of Mechanical Engineering,

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
[Dr. Jothi Basu Ramanathan]

Indian Examiner
[Dr. Basil Kuriachen]

Supervisor
[Dr Anand P]

