



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. : **10799**

Reg. No. : **17REME1017**

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

R. RAMESH KUMAR

S/O VIJAYA RAJAMANIKKAM

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-2021**

in accordance with the provisions of

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

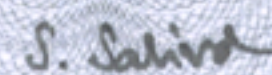
Title of the Thesis:

**INVESTIGATION ON MECHANICAL STRENGTH AND JOINT BEHAVIOUR OF
FRICTION WELDING PROCESS BY USING Ti-6Al-4V AND SS304L**

Given under the seal of this Deemed to be University

Dated : **06-NOV-2021**


Registrar


Vice Chancellor


Chancellor





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PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr. R. RAMESH KUMAR HELD AT 11.30 A.M. ON 1.10.2021 THROUGH ONLINE MODE AT VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

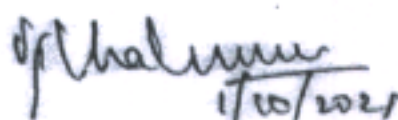
The Ph.D. Oral Examination of Mr. R. Ramesh Kumar (Reg.No.17REME1017) on the thesis "Investigation on Mechanical Strength and Joint Behaviour of Friction Welding Process by Using Ti-6Al-4V and SS304L" has been conducted on 1.10.2021 at 11.30 A.M. through online mode using Zoom tool.

Members Present

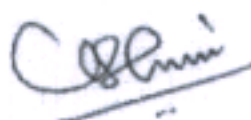
- | | |
|--|-----------------------|
| 1. Dr. V.P Chandramohan, Associate Professor, NIT Warangal. | Indian Examiner |
| 2. Dr. Arkanti Krishnaiah, Professor, Osmania University, Hyderabad. | Subject Expert |
| 3. Dr. J.M. Babu, Associate Professor | Supervisor & Convener |

The research scholar Mr. R. Ramesh Kumar 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. R. Ramesh Kumar.


17/10/2021

1. Indian Examiner



2. Subject Expert


01/10/2021

3. Supervisor & Convener







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**REPORT OF THE BOARD OF EXAMINERS FOR THE Ph.D.PUBLIC ORAL
EXAMINATION OF Mr. R. RAMESH KUMAR (REG. NO. 17REME1017), PART-TIME
RESEARCH SCHOLAR, DEPARTMENT OF MECHANICAL ENGINEERING,
VELTECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF
SCIENCE AND TECHNOLOGY, AVADI, CHENNAI- 600062.**

The Public Viva-Voce examination of Mr. R. Ramesh Kumar (Reg. No. 17REME1017), on his Ph. D thesis entitled "**Investigation on Mechanical Strength and Joint Behaviour of Friction Welding Process by Using Ti-6Al-4V and SS304L**" 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 : 01/10/2021, Friday at 11.30a.m.
Mode : Online Video Conference – Zoom
Meeting Link : Meeting ID: 886 3183 5104, Password: w8G7ei

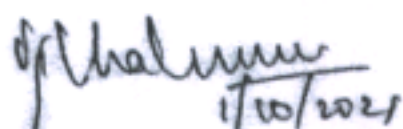
<https://us02web.zoom.us/j/88631835104?pwd=UzhKRTh0MlFMZUxjdndRbUYrcUVldz09>

Indian Examiner : Dr. V.P Chandramohan,
Associate Professor,
Department of Mechanical Engineering,
National Institute of Technology, Warangal - 506004, Telangana, INDIA
Email: vpcm80@gmail.com.

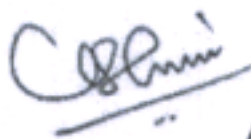
Subject Expert : Dr. Arkanti Krishnaiah,
Professor of Mechanical Engineering,
University College of Engineering (A) Osmania University, Hyderabad.
E-mail: arakanti@gmail.com

Supervisor and Convener : Dr. J.M Babu,
Associate Professor, Department of Mechanical Engg., 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 very good and declare to have successfully defended 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.



Indian Examiner



Subject Expert



Supervisor & Convener 01/10/2021

