



Vel Tech

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



No. : 7372

Reg. No. : 09REME1001

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

N. DILIP RAJA

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 **DEC-2017**

in accordance with the provisions of
UGC Regulations, 2009 (for award of Ph.D. Degree)

Title of the Thesis:

**ANALYSIS ON MECHANICAL , METALLURGICAL AND CORROSION
PROPERTIES OF FRICTION STIR WELDED AA6061+SiC_p METAL MATRIX
COMPOSITE**

Given under the seal of this Deemed University



11.08.2018


Registrar


Vice Chancellor

President

**REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF MR. N. DILIP RAJA (Reg. No. 09REME1001), PART-TIME
RESEARCH SCHOLAR, DEPARTMENT OF MECHANICAL ENGINEERING,
VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND
TECHNOLOGY, AVADI, CHENNAI- 600062.**

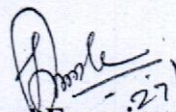
The Public Viva-Voce examination of Mr. N. Dilip Raja (09REME1001), on his thesis entitled "Analysis on Mechanical, Metallurgical and Corrosion Properties of Friction Stir Welded AA6061+SiCp Metal Matrix Composite" submitted for the award of Ph.D degree in Mechanical of Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology has been conducted as per the following schedule:

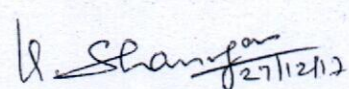
Date: 27/12/2017, Wednesday at 10.30 a.m.
Venue: APJ Abdul Kalam Seminar Hall, VTU
External Examiners: Dr. S. Suresh,
Associate Dean (R&C)
Department of Mechanical Engineering,
National Institute of Technology,
Tiruchirappalli -620 015.
Tamilnadu, India.
Mobile: 9842483638

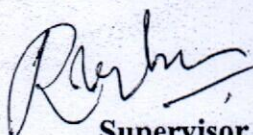
Dr. K. Shanmugam,
Professor,
Department of Manufacturing Engineering,
Annamalai University,
Annamalai Nagar,Chidambaram – 608322.
Tamil Nadu, India.
Mobile: 9443556585

Supervisor and Convener: Dr. R. Velu (Professor, VTU)

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 Mech. Engg. of Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology to the candidate.


External Examiner


Expert Member
[Dr. K. SHANMUGAM]


Supervisor
(Dr R VELU)


Prof. Dr. E. Kannan
Registrar

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Avadi, Chennai - 600062

28.12.17



Vel Tech

Rangarajan Dr. Sagunthala
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PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr./Ms. N. Diliprāja HELD AT 10.30 A.M./P.M. ON 27/12/17 IN THE Video conf 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. N. Diliprāja (Reg.No. 09RME1001) on the thesis Analysis on Mechanical, Metallurgical and Corrosion Properties of Friction Stir Welded AA6061-T6 SiC Metal Matrix Composite has been conducted on 27/12/17 at 10.30 A.M./P.M. in the Video Conf Hall of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. S. Suresh

Thesis Examiner

2. Dr. K. SHANMUGAM

Expert Member

3. Dr. R. VELU

Supervisor & Convener

The research scholar Mr./Ms. Dilip Raja 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 Commendable.

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 Mech. Engg in the School of Mechanical Construction, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. N. Diliprāja.

1. Dr. S. Suresh 27/12/17

Thesis Examiner

2. Dr. Shanmugam 27/12/17

Expert Member

3. R. VELU 27/12/17

Supervisor & Convener