



Vel Tech

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



No. 7378

Reg. No.: 09REME1002

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

S. MUTHU KUMAR

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 **MAY-2018**
in accordance with the provisions of
UGC Regulations, 2009 (for award of Ph.D. Degree)

Title of the Thesis:

**EXPERIMENTAL INVESTIGATION ON MECHANICAL, CORROSION & DRY
SLIDING WEAR CHARACTERIZATION OF AA6061 HYBRID COMPOSITES
IN SINTERED AND AGE HARDENED CONDITIONS**

Given under the seal of this Deemed University



11.08.2018


Vice Chancellor


Vice Chancellor


President



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
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PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr./Ms. S. Muthukumar HELD AT 12.00 A.M./P.M. ON 26.05.2018 IN THE Video Conference 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. S. Muthukumar (Reg.No. 09REME1002) on the thesis Experimental Investigation on Mechanical Corrosion & Dry Sliding Wear Characterization of AA6061 in Simulated & Actual Conditions has been conducted on 26.5.2018 at 12.00 A.M./P.M. in the Video Conference Hall Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. K. Ramji
2. Dr. V. Sentil Kumar
3. Dr. R. Maniappan

Thesis Examiner

Expert Member

Supervisor & Convener

The research scholar Mr./Ms. S. Muthukumar 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 Satisfactory.

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. S. Muthukumar.

1. K. Ramji 26/05/2018 Thesis Examiner
2. V. Sentil Kumar 26/05/18 Expert Member
3. R. Maniappan 26/5/18 Supervisor & Convener

Prof. Dr. E. Kannan
Registrar

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
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**REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF MR. S.MUTHUKUMAR (REG. NO. 09REME1002), 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. S.Muthukumar (Reg. no. 09REME1002), on his thesis entitled "*Experimental Investigation on Dry Sliding Characterization of AA6061 Hybrid Composites Sintered and Aged Conditions*" submitted for the award of Ph.D degree in Mechanical Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date: 26/05/2018, Saturday at 11.30 a.m.

Venue: Video Conference Hall, VTU

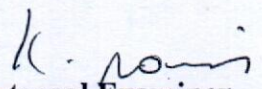
External Examiners: Dr. K. Ramji
Vice Chancellor,
Professor,
Dept. of Mechanical Engineering,
Dr. B.R. Ambedkar University Srikakulam,
Andhra University,
Visakhapatnam – 532 410, AP, INDIA
Ph.: 9440670584
Email: ramjidme@gmail.com

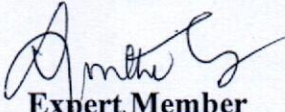
26.05.18

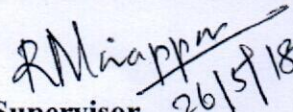
Dr. V. Senthil Kumar,
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Trichy – 620015.
Email id: vskumar@nitt.edu
Mobile No.: 9486001113

Supervisor and Convener: Dr. R. Mariappan
Professor,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology

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 Satisfactory and declare to have Awarded his Ph.D. Oral Examination and further recommend the award of Ph.D degree in Mechanical Dept. of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to the candidate.


External Examiner
26/05/2018


Expert Member
26/5/18


Supervisor 26/5/18