



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. : **10795**

Reg. No. : **11RHPH1002**

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

C. SARALA RUBI

D/O LILLY CHARLES

has been admitted to the Degree of

Doctor of Philosophy

in

PHYSICS

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

Title of the Thesis:

**OPTIMIZATION OF PROCESS PARAMETERS IN DRILLING OF HYBRID ALUMINIUM
MATRIX COMPOSITES**

Given under the seal of this Deemed to be University

Dated : **06-NOV-2021**

Registrar



S. Sathya
Vice Chancellor



[Signature]
Chancellor



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PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Ms. C SARALA RUBI, HELD AT 11.00 A.M. ON 16.09.2021 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 Ms. C. Sarala Rubi (Reg.No.11RHPH1002) on the thesis titled "**Optimization of Process Parameters in Drilling of Hybrid Aluminium Matrix Composites**" has been conducted on 16.09.2021 at 11.00 A.M. through online mode using Zoom tool.

Members Present

- | | |
|---------------------------|-----------------------|
| 1. Dr. Arkanti Krishnaiah | Indian Examiner |
| 2. Dr. P. Jeyaraj | Subject Expert |
| 3. Dr. J. Udaya Prakash | Supervisor & Convener |

The research scholar Ms. C. Sarala Rubi has presented the salient features of her research work. The members of the Board and audience 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 audience. The scholar's performance in the Ph.D. Oral Examination is very good.

Based on the scholar's research work, oral presentation, clarifications and answers to the questions from the Examiners and audience, the Board unanimously recommends to accept the Ph.D. Thesis for the award of Degree of Doctor of Philosophy in Physics in the School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Ms. C. Sarala Rubi.

1. Indian Examiner

2. Subject Expert

3. Supervisor & Convener





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**REPORT OF THE BOARD OF EXAMINERS FOR THE Ph.D. PUBLIC ORAL
EXAMINATION OF Ms. C SARALA RUBI (REG. NO. 11RHPH1002),
PART-TIME RESEARCH SCHOLAR, DEPARTMENT OF PHYSICS,
VEL TECH RANGARAJAN DR. SAGUNTHALA R & D INSTITUTE OF
SCIENCE AND TECHNOLOGY, AVADI, CHENNAI- 600 062.**

The Public Viva-Voce examination of C Sarala Rubi (Reg. No. 11RHPH1002), on her Ph.D thesis entitled "Optimization of Process Parameters in Drilling of Hybrid Aluminium Matrix Composites" submitted for the award of Ph.D degree in the Department of Physics of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date	:	16/09/2021, Thursday at 11.00 a.m.
Mode	:	Online Video Conference – Zoom
Meeting Link	:	Meeting ID: 86370725429, Password: 96Q36D https://us02web.zoom.us/j/86370725429
Indian Examiner	:	Dr. Arkanti Krishnaiah Professor, Department of Mechanical Engineering, University College of Engineering (A) Osmania University, Hyderabad.
Subject Expert	:	Dr. P. Jeyaraj, Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Karnataka, Surathkal, Mangalore.
Supervisor and Convener	:	Dr. J. Udaya Prakash, Associate Professor, Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

Based on the candidate's exposition of her thesis and her 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 her Ph.D. Oral Examination is **very good** and declare to have **successfully defended** her Ph.D. Oral Examination and further recommend the award of Ph.D degree in **Physics** of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to the candidate.

Indian Examiner

Subject Expert

Supervisor

