



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. : **8207**

Reg. No. : **14RHMA1001**

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

KALA R

D/O BALASUNDARI R

has been admitted to the Degree of
Doctor of Philosophy

in

MATHEMATICS

having been certified by duly appointed examiners to be
qualified to receive the same in the year **MAR- 2020**

in accordance with the provisions of

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

Title of the Thesis:

MATHEMATICAL MODELS FOR ANALYSIS OF NITROGEN MASS CYCLE

Given under the seal of this Deemed to be University

Dated : **23.10.2020**

Registrar



S. Salim

Vice Chancellor



B. S. S.

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./Ms. R.KALA HELD AT 10:00 A.M./P.M. ON 07-03-2020 IN THE EDISON HIVE, VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

The Ph.D. Oral Examination of Mr./Ms. R.kala (Reg.No. 14RHMA1001) on the thesis MATHEMATICAL MODELS FOR ANALYSIS OF NITROGEN MASS CYCLE has been conducted on 07-03-2020 at 10:00 A.M./P.M. in the EDISON HIVE Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. M. Kameshwari
2. Dr. K. C. Rajasekar
3. Dr. R. Suresh

Thesis Examiner [Signature]

Expert Member [Signature]

Supervisor & Convener [Signature] 07/03/2020

The research scholar Mr./Ms. R.kala 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 EXCELLANT.

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 Mathematics in the School of Sciences and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. R.kala.

1. Dr. M. Kameshwari
2. Dr. K. C. Rajasekar
3. Dr. R. Suresh

Thesis Examiner [Signature]

Expert Member [Signature]

Supervisor & Convener [Signature] 07/03/2020

Prof. V. S. S. Kumar
Vice Chancellor

[Signature]

Vel Tech

REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF MRS. R KALA (REG. NO. 14RHMA1001), PART-TIME RESEARCH
SCHOLAR, DEPARTMENT OF MATHEMATICS, VEL TECH RANGARAJAN
Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI,
CHENNAI- 600062.

The Public Viva-Voce examination of Mrs. R Kala (Reg. No. 14RHMA1001), on her thesis
entitled "*Mathematical Models for Analysis of Nitrogen Mass Cycle*" submitted for the award of
Ph.D degree in Mathematics of Vel Tech Rangarajan Dr. Sagunthala R&D
Institute of Science and Technology has been conducted as per the following schedule:

Date: 7/3/2020, Saturday at 10.00 a.m.
Venue: Edison Hive (Room No. 8300), Vel Tech
External Examiners: Dr. M. Kameshwari
Associate Professor,
Department of Mathematics,
Thiagarajar College of Engineering,
Madurai 625 015
Email: mkmat@tce.edu
Phone: 9894671271

Dr. K.C. Raajasekar
Department of Mathematics,
Presidency College, Chennai.
Email: dr.raajasekar@gmail.com
Phone: 9840839609

Supervisor and Convener: Dr. R Suresh (Professor, Vel Tech)

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 has resolved to recommend that
the performance of the candidate in her Ph.D. Oral Examination is Excellent
and declare to have passed her Ph.D. Oral Examination and further recommend the award of
Ph.D degree in Mathematics of Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology to the candidate.


External Examiner


Expert Member


Supervisor


Prof. V. S. S. Kumar
Vice Chancellor
