



Vel Tech

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



No. 1 7377

Reg. No. : 13RHMA1004

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

J.NARESH KUMAR

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 **MAY-2018**

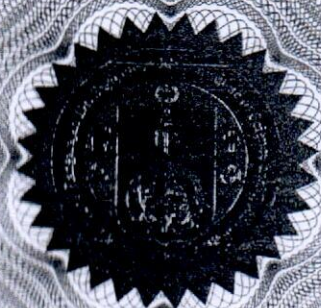
in accordance with the provisions of

UGC Regulations, 2013 (for award of Ph.D. Degree)

Title of the Thesis:

**COMPLEXITY AND STABILITY ANALYSIS OF ANOPHELES MOSQUITO
LIFE CYCLE - A STUDY BY MATHEMATICAL MODELING**

Given under the seal of this Deemed University



11.08.2018

Vice Chancellor

President

**REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF MR. J.NARESH KUMAR, (REG.NO.13RHMA1004), 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 Mr. J.Naresh Kumar, (Reg.No.13RHMA1004), on his thesis entitled "*Complexity and Stability Analysis of Anopheles Mosquito Life Cycle - A Study by Mathematical Modeling*" 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: 14/05/2018, Monday at 10.30 a.m.

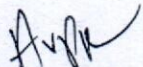
Venue: Video Conference Hall, VTU

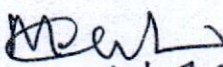
External Examiners: Dr. A.V. Papa Rao,
Asst. Prof. of Mathematics,
JNTUK, University College of Engg.,
Vizianagaram – 535 003,
Andhra Pradesh, India.
paparao.alla@gmail.com

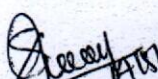
Dr. M. Chandrasekar
Professor & Head
Department of Mathematics
CEG Campus,
Anna University,
Chennai – 600025.
mchandru@annauniv.edu.in

Supervisor and Convener: Dr. R.Suresh
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 passed his 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


14/05/18
Expert Member


Supervisor



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. J. Navesh Kumar HELD AT 10.30 A.M./P.M. ON 14.05.2018 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. J. Navesh Kumar (Reg.No. 13RUMA 1004) on the thesis Complexity and Stability Analysis of Anopheles Mosquito Life cycle - A study by Mathematical Modelling has been conducted on 14.05.2018 at 10.30 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. A.V. Paparao.

Thesis Examiner

2. Dr. M. CHANDRASEKAR.

Expert Member

3. Dr. R. SURESH

Supervisor & Convener

The research scholar Mr./Ms. J. Navesh Kumar 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 Mathematics in the School of Sciences & Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. J. Navesh Kumar.

1. Dr. A.V. Paparao.

Thesis Examiner

2. Dr. M. CHANDRASEKAR.

Expert Member

3. Dr. R. SURESH

Supervisor & Convener

Prof. Dr. E. Kannan
Registrar

Vel Tech
Rangarajan Dr. Sagunthala
Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)