



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. : **8200**

Reg. No. : **13RECS1058**

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
SHUNMUGA KARPAGAM N
D/O BALA N

has been admitted to the Degree of
Doctor of Philosophy
in

COMPUTER SCIENCE & ENGINEERING

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

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

Title of the Thesis:

**OPTIMIZED FEATURE SELECTION BASED ON ARTIFICIAL BEE COLONY FOR
AUTOMATED ALZHEIMER DISEASE DIAGNOSIS SYSTEM**

Given under the seal of this Deemed to be University

Dated : **23.10.2020**

Registrar



S. Sathish
Vice Chancellor



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. N.SHUNMUGA KARPAGAM HELD AT 10.30 A.M./P.M. ON 03-01-2020 IN THE COMPUTING LAB, ROOM NO. 33022, 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.SHUNMUGA KARPAGAM (Reg.No. 13RECS1058) on the thesis "OPTIMIZED FEATURE SELECTION BASED ON ARTIFICIAL BEE COLONY FOR AUTOMATED ALZHEIMER DISEASE DIAGNOSIS SYSTEM" has been conducted on 03-01-2020 at 10.30 A.M./P.M. in the COMPUTING LAB, ROOM NO. 33022 Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

- | | |
|------------------------------|-----------------------|
| 1. Dr. B. Chandrasekharan | Thesis Examiner |
| 2. Dr. S. Gopinathan | Expert Member |
| 3. Dr. S. Srinivasa raghavan | Supervisor & Convener |

The research scholar Mr./Ms. N.SHUNMUGA KARPAGAM 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 good.

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 School of Computing in the School of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. N.SHUNMUGA KARPAGAM.

- | | | |
|------------------------------|-----------------------|--|
| 1. Dr. B. Chandrasekharan | Thesis Examiner | |
| 2. Dr. S. Gopinathan | Expert Member | |
| 3. Dr. S. Srinivasa raghavan | Supervisor & Convener | |

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REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF MRS. N SHUNMUGA KARPAGAM (REG. NO. 13RECS1058), PART-
TIME RESEARCH SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING, VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF
SCIENCE AND TECHNOLOGY, AVADI, CHENNAI- 600062.

The Public Viva-Voce examination of Mrs. N Shunmuga Karpagam (Reg. No. 13RECS1058), on
her thesis entitled "*Optimized Feature Selection Based on Artificial Bee Colony for Automated
Alzheimer Disease Diagnosis System*" submitted for the award of Ph.D degree in
Computer Science Engg of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology has been conducted as per the following schedule:

Date:

03/1/2020, Friday at 10.30 a.m.

Venue:

Computing Lab, Room-No. 33022, Vel Tech

External Examiners:

Dr. B. Chandrasekharan
Associate Professor,
Department of Computer Science,
Rashtriya Sanskrit Vidyapeetha,
Tirupati - 517507
Andra Pradesh, India.
Email: chandrasekharam.b@gmail.com
Phone: 9493816515

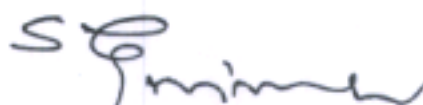
Dr. S. Gopinathan
Professor,
Department of Computer Science
University of Madras.
Phone: 9443627956
Email: gnathans2002@gmail.com

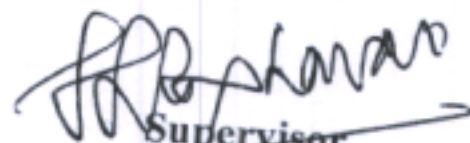
Supervisor and Convener:

Dr. S Srinivasaraghavan (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 good
and declare to have passed her Ph.D. Oral Examination and further recommend the award of
Ph.D degree in Computer Science and Engineering of Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology to the candidate.


External Examiner


Expert Member


Supervisor

