



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. : **8218**

Reg. No. : **14RECS1026**

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
VIVEK VISHWANATH JOG
S/O VASUDHA

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 **AUG- 2020**

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

Title of the Thesis:

**INTELLIGENT MULTILEVEL AUTHENTICATION AND AUTHORIZATION PROTOCOL
(IMA²P) WITH MODIFIED HASHING TECHNIQUE FOR IoT**

Given under the seal of this Deemed to be University

Dated : **23.10.2020**

Registrar



S. Salim
Vice Chancellor



B. Srinivas
Chancellor



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PROCEEDINGS OF THE Ph.D. ORAL
EXAMINATION OF Mr./Ms. VIVEK VISHWANATH JOG (REG. NO. 14RECS1026)
HELD AT 2.00 A.M./P.M. ON 21.8.20 THROUGH ONLINE MODE AT VEL
TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE
AND TECHNOLOGY, AVADI, CHENNAI-600 062.

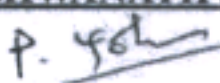
The Ph.D. Oral Examination of Mr./Ms. VIVEK VISHWANATH JOG (Reg.No. 14RECS1026) on the thesis "INTELLIGENT MULTILEVEL AUTHENTICATION AND AUTHORIZATION PROTOCOL (IMA²P) WITH MODIFIED HASHING TECHNIQUE FOR IoT" has been conducted on 21.8.20 at 2 A.M./P.M, through online mode using Zoom tool.

Members Present

- | | |
|---------------------------|-----------------------|
| 1. Dr.P.YOGESH | Indian Examiner |
| 2. Dr.S.K.V.JAYAKUMAR | Subject Expert |
| 3. Dr. R. N.R.RAJALAKSHMI | Supervisor & Convener |

The research scholar Mr./Ms. Mr. VivekVishwanath Jog 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, 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 Computer Science and Engineering in the School of Computing, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. VIVEK VISHWANATH JOG.

- | | | |
|--|------------------------|-----------------------|
| 1.  | Dr.P.YOGESH | Indian Examiner |
| 2.  | Dr.S.K.V.JAYAKUMAR | Subject Expert |
| 3.  | Dr. R. N.R.RAJALAKSHMI | Supervisor & Convener |





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**REPORT OF THE BOARD OF EXAMINERS FOR THE PH.D PUBLIC ORAL EXAMINATION
OF Mr. VIVEK VISHWANATH JOG (REG. NO. 14RECS1026), 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 Mr. Vivek Vishwanath Jog (Reg. No. 14RECS1026), on his Ph.D thesis entitled "INTELLIGENT MULTILEVEL AUTHENTICATION AND AUTHORIZATION PROTOCOL (IMA²P) WITH MODIFIED HASHING TECHNIQUE FOR IoT" submitted for the award of Ph.D degree in the Department of Computer Science and Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date : 21/08/2020, FRIDAY at 2.00 P.m.
Mode : Online Video Conference – Zoom
Meeting Link : Meeting ID:- 966 1749 5532, Password:- 4eJBZv
<https://zoom.us/j/96617495532?pwd=SVdUUmlKOEI3T3ZXcXRWTjk3VStlPZz09>

Indian Examiner : **Dr.P.Yogesh**
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Department of information and Science Technology
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Subject Expert : **Dr.S.K.V.Jayakumar**
Associate Professor,
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Pondicherry University, Central University,
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Supervisor and Convener : **Dr. R. N.R.RAJALAKSHMI** (Associate Professor, Vel Tech)
Department of Computer Science And Engg., Vel Tech

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 have resolved to recommend that the performance of the candidate in his Ph.D. Oral Examination is Good and declare to have Passed his 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.

Subject Expert

Dr. SKV. JAYAKUMAR, B.E., M.E., Ph.D.,
Associate Professor,
Department of Computer Science,
School of Engineering and Technology,
Pondicherry University, Pondicherry.



Indian Examiner
Dr. P. Yogesh, M.E., Ph.D.,
Professor
Dept. of Information Science and Technology
College of Engineering Guindy
Anna University, Chennai - 600 025

Supervisor
Dr. N.R. Rajalakshmi
TTS 2742
Asso. Prof / CE

