



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. : **10775**

Reg. No. : **14RECS1028**

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

PRAVEEN KUMAR RAO K
S/O KAVIKONDALA JYOTHI

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 **NOV-2020**

in accordance with the provisions of

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

Title of the Thesis:

**PERFORMANCE IMPROVEMENT IN TCP BASED ON SMART ACKNOWLEDGEMENT
DISTRIBUTED CHANNEL ACCESS AND CONGESTION CONTROL TECHNIQUES FOR
MANET**

Given under the seal of this Deemed to be University

Dated : 06-NOV-2021

Registrar



S. Salival
Vice Chancellor



[Signature]
Chancellor



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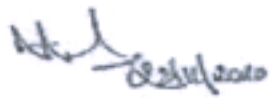
**REPORT OF THE BOARD OF EXAMINERS FOR THE PH. D PUBLIC ORAL VIVA VOCE
EXAMINATION OF Mr. K. PRAVEEN KUMAR RAO (REG. NO.: 14RECS1028), PART-TIME
RESEARCH SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING,
VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF
SCIENCE AND TECHNOLOGY, AVADI, CHENNAI – 600 062.**

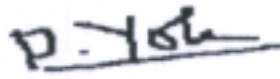
The Public Viva Voce Examination of Mr. K. PRAVEEN KUMAR RAO (REG. NO.: 14RECS1028), on his Ph. D thesis entitled “**PERFORMANCE IMPROVEMENT IN TCP BASED ON SMART ACKNOWLEDGEMENT DISTRIBUTED CHANNEL ACCESS AND CONGESTION CONTROL TECHNIQUES FOR MANET**” submitted for the award of Ph. D degree in the Department of Computer Science & Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date : 28/11/2020, Saturday at 02.30 p.m.
Mode : Online Video Conference – Zoom
Meeting Link : Meeting ID: 766 7296 7851 Passcode : 7HSVkk
<https://us04web.zoom.us/j/76672967851?pwd=R29HT3IvNmZkRFFYSVJKcTUvUGtZUT09>

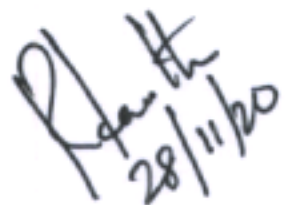
Subject Expert : **Dr. Manjaiah D. H**
Professor, Mangalore University, Mangalagangothri
Mangalore 574 199, India.
Indian Examiner : **Dr. P. Yogesh**
Professor, Department of Information Science and Technology,
College of Engineering Guindy, Anna University, Chennai
Supervisor and Convener : **Dr. R. KAVITHA,**
Associate Professor, Department of Computer Science &
Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute
of Science and Technology, Avadi, Chennai.

Based on the candidate's exposition of his thesis and 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 **Mr. K. Praveen Kumar Rao** for the award of Ph. D degree in **Computer Science & Engineering** from Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.


Subject Expert


Indian Examiner


Supervisor & Convener


28/11/20



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PROCEEDINGS OF THE Ph. D ORAL EXAMINATION OF Mr. K. PRAVEEN KUMAR RAO HELD AT 02:30 P.M. ON 28-11-2020 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. K. PRAVEEN KUMAR RAO (Reg. No.14RECS1028) on the thesis **PERFORMANCE IMPROVEMENT IN TCP BASED ON SMART ACKNOWLEDGEMENT DISTRIBUTED CHANNEL ACCESS AND CONGESTION CONTROL TECHNIQUES FOR MANET** has been conducted on 28-11-2020 at 02:30 P.M, through online mode using Zoom tool.

Members Present

1. **Dr. P. Yogesh, Indian Examiner**
2. **Dr. D. H. Manjaiah, Subject Expert**
3. **Dr. R. Kavitha, Supervisor & Convener**

The research scholar **Mr. K. Praveen Kumar Rao** has presented the salient features of his / her research work. The members of the Board and audiences have posed 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 posed by the Board Members and 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 & Engineering in School of Computing, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi to **Mr. K. Praveen Kumar Rao**.

1. **Dr. P. Yogesh, Indian Examiner**
2. **Dr. D. H. Manjaiah, Subject Expert**
3. **Dr. R. Kavitha, Supervisor & Convener**

P. Yogesh

D. H. Manjaiah
28/11/2020

R. Kavitha

R. Kavitha
28/11/20