



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. : **10784**

Reg. No. : **14RECS1003**

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

ARVIND M. JAGTAP

S/O RANJANA MADAN JAGTAP

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 **JUL-2021**

in accordance with the provisions of

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

Title of the Thesis:

**ENERGY EFFICIENT MOVEMENT FOR TARGET COVERAGE AND NETWORK
CONNECTIVITY IN MOBILE SENSOR NETWORKS FOR CROP WEED
CLASSIFICATION**

Given under the seal of this Deemed to be University

Dated : **06-NOV-2021**

Registrar



S. Salind
Vice Chancellor



[Signature]
Chancellor



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**REPORT OF THE BOARD OF EXAMINERS FOR THE PH.D PUBLIC ORAL EXAMINATION OF
ARVIND M JAGTAP (REG. NO. 14RECS1003), PART-TIME RESEARCH SCHOLAR, DEPARTMENT
OF COMPUTER SCIENCE & ENGINEERING,
VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF
SCIENCE AND TECHNOLOGY, AVADI, CHENNAI- 600062.**

The Public Viva-Voce examination of Arvind M. Jagtap (Reg. No. 14RECS1003), on his Ph.D thesis entitled "*Energy Efficient Movement for Target Coverage and Network Connectivity in Mobile Sensor Networks for Crop/Weed Classification*" 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 : 15/07/2021, Thursday at 11.00 a.m.
Mode : Online Video Conference – Google Meet.
Meeting Link : Meeting URL: <https://meet.google.com/eme-ohaa-dny>
Phone: +1 540-680-4447 PIN: 234 556 568#

Indian Examiner : Dr. Bankat Patil
Professor,
Department of Computer Science Engineering M.B.E. Society's College of
Engineering, Ambajgai, Beed- 431122.
Phone: 02446-247262 Mobile: 08275327951
E-Mail: bppatil123@rediffmail.com, patilbankat@gmail.com

Subject Expert: Dr. Sandeep Raskar
Department of Computer Science and Engineering,
Terna College of Engineering,
Navi Mumbai, Mumbai – 4000702.
Mobile: 8652222867, Email: sandeepaskar@gmail.com

Supervisor and Convener : Dr. N Gomathi
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 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. Sandeep Raskar

Indian Examiner

Dr. Bankat Patil

Supervisor

Dr. N Gomathi



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PROCEEDINGS OF THE Ph.D. ORAL EXAMINATION OF Mr. ARVIND M JAGTAP (REG. NO. 14RECS1003) HELD AT 11A.M. ON 15.7.2021 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 Arvind M. Jagtap (Reg. No. 14RECS1003) on the thesis "*Energy Efficient Movement for Target Coverage and Network Connectivity in Mobile Sensor Networks for Crop/Weed Classification*" has been conducted on 15.7.2021 at 11.00 A.M., through online mode using Google Meet.

Members Present

1. Dr. Bankat Patil
2. Dr. Sandeep Raskar
3. Dr. N Gomathi

Indian Examiner
Subject Expert
Supervisor & Convener

The research scholar Mr. Arvind M. Jagtap (Reg. No. 14RECS1003) has presented the salient features of his 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 Arvind M. Jagtap (Reg. No. 14RECS1003)**.

- 1.
- 2.
- 3.

Patil
Raskar

Gomathi

Dr. Bankat Patil
Dr. Sandeep Raskar
Dr. N Gomathi

Indian Examiner
Subject Expert
Supervisor & Convener



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