



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. : **8194**

Reg. No. : **14REAE1002**

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

JAGANRAJ R

S/O ANBARASI

has been admitted to the Degree of

Doctor of Philosophy

in

AERONAUTICAL ENGINEERING

having been certified by duly appointed examiners to be

qualified to receive the same in the year **AUG- 2019**

in accordance with the provisions of

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

Title of the Thesis:

**ROBUST MODEL REFERENCE FAULT DIAGNOSIS FOR FAULT TOLERANT FLIGHT
CONTROL SYSTEM**

Given under the seal of this Deemed to be University

Dated : 23.10.2020

Registrar



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. R. JAGANRAJ HELD AT 10:00 A.M./P.M. ON 16/08/2019 IN THE ALFRED NOBEL ENGINEERING HIVE, VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

The Ph.D. Oral Examination of Mr./Ms. R. JAGANRAJ (Reg.No. 14REPE1002) on the thesis ROBUST MODEL REFERENCE FAULT DIAGNOSIS FOR FAULT TOLERANT FLIGHT CONTROL SYSTEM has been conducted on 16/08/2019 at 10:00 A.M./P.M. in the ALFRED NOBEL Engg. Hive, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. B. DURGA PRASAD
2. Dr. C. SENTHIL KUMAR
3. Dr. A.T. RAVICHANDRAN

Thesis Examiner
Expert Member
Supervisor & Convener

The research scholar Mr./Ms. R. Jaganraj 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 Recommended

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 Aeronautical Engineering in the School of Mechanical and construction, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. R. Jaganraj.

1. Durga
2. SEK
3. 16/8/19

Thesis Examiner
Expert Member
Supervisor & Convener

Ans

REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF Mr. R JAGANRAJ (Reg. No. 14REAE1002), PART-TIME RESEARCH
SCHOLAR, DEPARTMENT OF AERONAUTICAL ENGINEERING, VEL TECH
RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND
TECHNOLOGY, AVADI, CHENNAI- 600062.

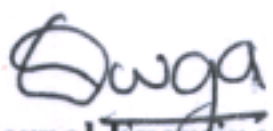
The Public Viva-Voce examination of Mr. R Jaganraj (Reg. No. 14REAE1002), on his thesis entitled "*Robust Model Reference Fault Diagnosis for Fault tolerant Flight Control System*" submitted for the award of Ph.D degree in Aeronautical Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

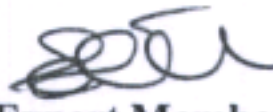
Date: 16/08/2019, Friday at 10.00 a.m.
Venue: Alfred Noble Hive, Room No. 1721, Vel Tech
External Examiners: Prof. B. Durga Prasad
Professor & Head,
Department of Mechanical Engineering,
J.N.T.U.A.C.E.A.
3-29/E, K.M Colony, Opp. To JNTUCEA,
Ananthapuramu – 515002.
Mobile No. 9441074399
Emailid: mukdhajntu@gmail.com

Dr. C Senthil Kumar,
Professor
Department of Aerospace Engineering,
Madras Institute of Technology,
Chrompet, Chennai 600044.
Mobile: 9884710304
Email: cskumar@annauniv.edu

Supervisor and Convener: Dr.A.T.Ravichandran, (Professor, 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 has resolved to recommend that the performance of the candidate in his Ph.D. Oral Examination is Recommended and declare to have Cleared his Ph.D. Oral Examination and further recommend the award of Ph.D degree in Aeronautical Engineering of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to the candidate.


External Examiner


Expert Member


Supervisor 16/8

