



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. : 7400

Reg. No. : 15RHPH1001

The Board of Management of
Veltech Rangarajan Dr. Sagunthala R & D Institute of
Science and Technology (Deemed to be University)
hereby makes known that

SENTHIL V P

S/O ANDJALE

has been admitted to the Degree of
Doctor of Philosophy
in

PHYSICS

having been certified by duly appointed examiners to be
qualified to receive the same in the year **JUL-2019**

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

Title of the Thesis:

**SYNTHESIS AND CHARACTERIZATION OF NANOCRYSTALLINE
COBALT FERRITE AND COBALT FERRITE / BISMUTH FERRITE**

Given under the seal of this Deemed to be University

Dated : 13.08.2019


Registrar



Vice Chancellor


President





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. V.P. SENTHIL HELD AT 11:30 A.M./P.M. ON 13/07/2019 IN THE VIDEO CONFERENCE HALL, VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-600 062.

The Ph.D. Oral Examination of Mr./Ms. V.P. SENTHIL (Reg.No. 15RHPH1001) on the thesis Synthesis and Characterization of Nanocrystalline Cobalt Ferrite and Cobalt Ferrite/Bismuth Ferrite has been conducted on 13/07/2019 at 11:30 A.M./P.M. in the Video Conference Hall Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600 0062.

Members Present

1. Dr. Ganesamoorthy .S.
2. Dr. G. Anbalagan.
3. Dr. J. Gajendiran.

Thesis Examiner
Expert Member
Supervisor & Convener

The research scholar Mr./Ms. V.P. SENTHIL 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 Excellent

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 PHYSICS in the School of Sciences & Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. V.P. SENTHIL.

1. Dr. Ganesamoorthy .S
2. Dr. G. Anbalagan
3. Dr. J. Gajendiran

Thesis Examiner

Expert Member

Supervisor & Convener

Prof. V. S. S. Kumar
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF Mr. V. P. SENTHIL, (Reg. No. 15RHPH1001), PART-TIME
RESEARCH SCHOLAR, DEPARTMENT OF PHYSICS, VEL TECH RANGARAJAN
Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI,
CHENNAI- 600062.**

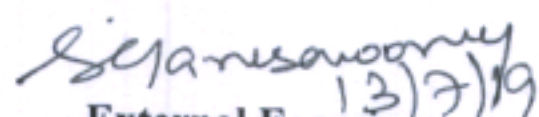
The Public Viva-Voce examination of Mr. V. P. Senthil, (Reg. No. 15RHPH1001), on his thesis entitled "*Synthesis and Characterization of Nanocrystalline Cobalt Ferrite and Cobalt Ferrite / Bismuth Ferrite*" submitted for the award of Ph.D degree in PHYSICS of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

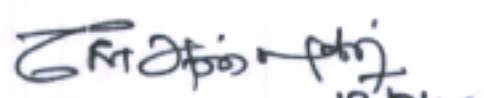
Date: 13/07/2019, Saturday at 11.30 a.m.
Venue: Video Conference Hall, Vel Tech
External Examiners: Dr. Ganesamoorthy S.
Scientific Officer – G
Condensed Matter Physics Division,
Materials Science Group, 2018
Indira Gandhi Centre for Atomic Research (IGCAR),
Department of Atomic Energy,
Kalpakkam 603 102, TamilNadu.
Telephone No.: (044) – 27480066 (O)
Email: ganesamoorthy@yahoo.com, sgm@igcar.gov.in

Dr. G Anbalagan,
Professor,
Department of Nuclear Physics,
University of Madras,
Guindy Campus, Chennai.
Mobile: 9487140051 Email: anbu24663@yahoo.co.in

Supervisor and Convener: Dr. J Gajendiran,, (Associate Professor, Vel Tech)

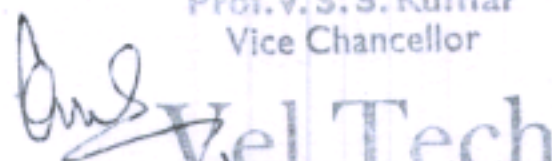
Based on the candidate's exposition of his thesis and his answers to the questions raised by the examiners and other participants, the Board of Examiners has resolved to recommend that the performance of the candidate in his Ph.D. Oral Examination is Excellent and declare to have PASSED his Ph.D. Oral Examination and further recommend the award of Ph.D degree in PHYSICS of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to the candidate.


External Examiner


Expert Member


Supervisor

Prof. V. S. S. Kumar
Vice Chancellor


Vel Tech
Rangarajan Dr. Sagunthala