



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. : **8202**

Reg. No. : **14RHCH1003**

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

S.H. KAVYA
D/O HEMALATHA SUNDARARAJU
has been admitted to the Degree of
Doctor of Philosophy
in
CHEMISTRY

having been certified by duly appointed examiners to be
qualified to receive the same in the year **FEB- 2020**

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

Title of the Thesis:

**SYNTHESIS AND CHARACTERIZATION OF METAL AND METAL OXIDE
NANOPARTICLES USING 1,2,4-TRIAZOLIUM BASED IONIC LIQUIDS AND ITS
APPLICATION IN ORGANIC TRANSFORMATIONS**

Given under the seal of this Deemed to be University

Dated : **23.10.2020**

Registrar



S. Selvaraj
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.
S.H. KAVYA HELD AT 11:00 A.M./P.M. ON 08/02/2020 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. S.H. KAVYA
(Reg.No. 14RHCH1003) on the thesis SYNTHESIS AND CHARACTERIZATION OF METAL AND METAL
OXIDE NANOPARTICLES USING 1,2,4-TRIAZOLIUM BASED IONIC LIQUIDS AND ITS APPLICATION IN ORGANIC TRANSFORMATION has
been conducted on 08/02/2020 at 11:00 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. S. VENKATESAN | Thesis Examiner |
| 2. Prof. S. SATYANARAYANA | Expert Member |
| 3. Dr. C. HAZARATHAIAH YADAV | Supervisor & Convener |

The research scholar Mr./Ms. S.H. KAVYA 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 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 CHEMISTRY in the School of SCIENCE AND HUMANITIES, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to Mr./Ms. S.H. KAVYA.

1. Suryatin 8/2/20
2. Quoana
3. cop 8/2/2020

Thesis Examiner
Expert Member
Supervisor & Convener


Prof. V. S. S. Kurup
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
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REPORT OF THE BOARD OF EXAMINERS FOR THE PUBLIC ORAL EXAMINATION
IN THE CASE OF Mrs. S H KAVYA (REG. NO. 14RHCH1003), FULL-TIME
RESEARCH SCHOLAR, DEPARTMENT OF CHEMISTRY, VEL TECH RANGARAJAN
Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI,
CHENNAI- 600062.

The Public Viva-Voce examination of Mrs. S H Kavya (Reg. No. 14RHCH1003), on her thesis entitled "*Synthesis and Characterization of Metal and Metal Oxide Nanoparticles using 1,2,4-Triazolium based Ionic Liquids and its Application in Organic Transformations*" submitted for the award of Ph.D degree in CHEMISTRY of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology has been conducted as per the following schedule:

Date: 08/02/2020, Saturday at 11.00 a.m.

Venue: Video Conference Hall, Vel Tech

External Examiners: Dr S Vengatesan,
Scientist,
Electro-Inorganic Chemicals Division,
Central Electrochemical Research Institute,
Karaikudi – 630003, Tamil Nadu.
Mobile: +919791889739
Phone: 04565-241 270; extn. 295
Email: svengatesan@cecri.res.in

Prof. S. Satyanarayana
Former VC
Department of Chemistry,
Osmania University,
Amberpet, Hyderabad, Telangana 500007.
Mobile: 9490156670
Email: ssnsirasani@gmail.com

Supervisor and Convener: Dr. C. Hazarathaiah Yadav (Associate Professor, Vel Tech)

Based on the candidate's exposition of her thesis and her 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 her Ph.D. Oral Examination is good and declare to have passed her Ph.D. Oral Examination and further recommend the award of Ph.D degree in CHEMISTRY of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology to the candidate.

Sugetha 8/2/20
External Examiner

S. Satyanarayana
Prof. V. S. S. Kumar
Expert Member 8/2/20
Vice-Chancellor

C. Hazarathaiah Yadav
Supervisor 8/02/2020

[Signature]

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