



CENTRE FOR RESEARCH
ANNA UNIVERSITY, CHENNAI-600 025



CERTIFICATE

This is to certify that all corrections and suggestions pointed out by the Indian /Foreign Examiner(s) are incorporated in the Thesis titled " SYNTHESIS AND CHARACTERIZATION OF STRONTIUM BASED PEROVSKITE AND SCHEELITE STRUCTURED COMPOUNDS " submitted by Mr. MURALIDHARAN.M

Signature of the Joint Supervisor

Dr. A. ELAYA PERUMAL, B.E.,M.Tech.,Ph.D.,
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Signature of the Supervisor
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Place : **CHENNAI**

Date : **08 . 08 . 2016**



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Proceedings of the Ph.D. Viva-Voce Examination of Mr.MURALIDHARAN.M held at 11:00 AM on 08.08.2016 in Physics Auditorium, Department of Physics, Anna University, Chennai

The Ph.D. Viva-Voce Examination of Mr.MURALIDHARAN.M (Reg. No. 1113719131) on his/her Ph.D. Thesis Entitled " SYNTHESIS AND CHARACTERIZATION OF STRONTIUM BASED PEROVSKITE AND SCHEELITE STRUCTURED COMPOUNDS " was conducted on **08.08.2016** at 11:00 AM in the Physics Auditorium, Department of Physics, Anna University, Chennai.

The following Members of the Oral Examination Board were present:

- | | |
|--|-----------------------|
| 1. Dr. K B R Varma, Professor, ^{Vice Chancellor} Department of Materials Research Centre, Indian Institute of Science, Bangalore 560 012
<i>Sri Satyasai University, Puttaparthi</i> | Indian Examiner |
| 2. Dr. S Ramaprabhu, Professor, Department of Physics, Indian Institute of Technology Madras, Chennai 600 036 | Subject Expert |
| 3. Dr. Sivakumar.K, Professor, Department of Physics, Anna University, Chennai | Supervisor & Convenor |
| 4. Dr. Elayaperumal.A, Professor, Department of Mechanical Engineering, Anna University, | Joint Supervisor |

The research scholar, Mr. MURALIDHARAN.M presented the salient features of his/her Ph.D. work. This was followed by questions from the board members. The questions raised by the Foreign and Indian Examiners were also put to the scholar. The scholar answered the questions to the full satisfaction of the board members.

The corrections suggested by the Indian/Foreign examiner have been carried out and incorporated in the Thesis before the Oral examination.

Based on the scholars research work, his/her presentation and also the clarifications and answers by the scholar to the questions, the board recommends that Mr.MURALIDHARAN.M be awarded Ph.D. degree in the **Faculty of Science and Humanities**.

[Signature]
Indian Examiner 8/8/16

[Signature]
Subject Expert 8/8/16

[Signature]
Joint Supervisor 8/8/16

[Signature]
Supervisor & Convenor 8/8/16

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The research work embodied in the present Thesis entitled **“SYNTHESIS AND CHARACTERIZATION OF STRONTIUM BASED PEROVSKITE AND SCHEELITE STRUCTURED COMPOUNDS”** has been carried out in the Department of Physics, Anna University, Chennai. The work reported herein is original and does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion or to any other scholar.

I understand the University’s policy on plagiarism and declare that the thesis and publications are my own work, except where specifically acknowledged and has not been copied from other sources or been previously submitted for award or assessment.

M. MURALIDHARAN
RESEARCH SCHOLAR

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