



CENTRE FOR RESEARCH
ANNA UNIVERSITY, CHENNAI-600 025



CERTIFICATE

This is to certify that no corrections/suggestions were pointed out by the Indian/Foreign Examiner(s) in the Thesis titled " FABRICATION OF ELECTRO-OPTIC MODULATOR AND OPTICAL LIMITING APPLICATIONS OF ORGANIC, SEMIORGANIC AND INORGANIC SINGLE CRYSTALS " submitted by Mr. ELAVARASU.N

|| Sivakumar 22/8/16

Signature of the Supervisor

Dr. K. SIVAKUMAR, Ph.D.
Professor
Department of Physics
Anna University, Chennai - 600 025,

Place : *Chennai*
Date : *22/8/16*



CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAI-600 025



Proceedings of the Ph.D. Viva-Voce Examination of Mr.ELAVARASU.N held at 11:00 AM on 22.08.2016 in Physics Auditorium, Department of Physics, Anna University, Chennai.

The Ph.D. Viva-Voce Examination of Mr.ELAVARASU.N (Reg. No. 1012719784) on his/her Ph.D. Thesis Entitled " FABRICATION OF ELECTRO-OPTIC MODULATOR AND OPTICAL LIMITING APPLICATIONS OF ORGANIC, SEMIORGANIC AND INORGANIC SINGLE CRYSTALS " was conducted on 22.08.2016 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. G Bhagavannarayana, Director, RGUKT - R K Valley
Idupulapaya, Vempalli Y S R (Dist) 516 330, | Indian Examiner |
| 2. Dr. N Gopalakrishnan, Associate Professor & Head, Department
of Physics, National Institute of Technology, Tiruchirappalli 620
015 | Subject Expert |
| 3. Dr. Sivakumar.K, Professor & Coordinator, Department of
Physics, Anna University, Chennai | Supervisor & Convenor |

The research scholar, Mr. ELAVARASU.N 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.ELAVARASU.N be awarded Ph.D. degree in the **Faculty of Science and Humanities**.

J. Subramanian
22/8/16

Indian Examiner

N. Gopalakrishnan
Subject Expert 22.8.16

M. Sivasubramanian
22/8/16

Supervisor & Convenor

ANNA UNIVERSITY
CHENNAI 600 025

CERTIFICATE

The research work embodied in the present thesis entitled “**FABRICATION OF ELECTRO-OPTIC MODULATOR AND OPTICAL LIMITING APPLICATIONS OF ORGANIC, SEMIORGANIC AND INORGANIC SINGLE CRYSTALS**” has been carried out in the Department of Physics, Anna University, Chennai - 25. 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.

ELAVARASU N
Research scholar

Dr. K. SIVAKUMAR
Co-ordinator
Professor
Department of Physics
Anna University
Chennai - 25