



ANNA UNIVERSITY, CHENNAI - 600 025
CENTRE FOR RESEARCH



CERTIFICATE

1. This is to certify that no corrections/suggestions were pointed out by the Indian/Foreign Examiner(s) in the Thesis titled "Wavelet based power quality disturbance detection ~~and~~ classification using expert system approach" submitted by Mr./Ms. KANIRAJAN.P

OR

2. This is to certify that all corrections and suggestions pointed out by the Indian /Foreign Examiner(s) are incorporated in the Thesis titled "Wavelet based power quality disturbance detection and classification using expert system approach" submitted by Mr./Ms. KANIRAJAN.P

Signature of the Joint Supervisor
(if applicable)

Signature of the Supervisor

Dr. V. SURESH KUMAR, M.E., Ph.D.,
Associate Professor
Dept. of Electrical & Electronics Engineering
Thiagarajar College of Engineering
Madurai - 625 015 INDIA

Place: Madurai

Date: 29/2/16



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Proceedings of the Ph.D. Viva-Voce Examination of Mr./Ms. KANIRAJAN.P held at 10:30 AM on 29.02.2016 in Seminar Hall, EEE Dept., Thiagarajar College of Engineering, Madurai

The Ph.D. Viva-Voce Examination of Mr./Ms. KANIRAJAN.P (Reg. No. 20083042010) on his/her Ph.D. Thesis Entitled "Wavelet based power quality disturbance detection and classification using expert system approach" was conducted on 29.02.2016 at 10:30 AM in the Seminar Hall, EEE Dept., Thiagarajar College of Engineering, Madurai.




The following Members of the Oral Examination Board were present:

- | | |
|--|-----------------------|
| 1. Dr. M Rizwan, Assistant Professor, Department of Electrical Engineering, Delhi Technological University (Formerly Delhi College of Engineering), Bawana Road Delhi - 110 0042. | Indian Examiner |
| 2. Dr. N Karpagam, Professor, Department of Electrical and Electronics Engineering, Velammal College of Engineering & Technology, Madurai - 625 009 | Subject Expert |
| 3. Dr. Suresh Kumar.V, Associate Professor, Thiagarajar College of Engineering, Madurai | Supervisor & Convenor |

The research scholar, Mr./Ms. KANIRAJAN.P 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./Ms.KANIRAJAN.P be awarded Ph.D. degree in the Faculty of Electrical Engineering.

- | | |
|--|---------------------------|
| 1.  29.02.2016 | Indian Examiner |
| 2.  29/02/16 | Subject Expert |
| 3.  29/2/16 | Supervisor & Convenor |
| 4. | Joint Supervisor (If any) |

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The research work embodied in the present Thesis entitled **“WAVELET BASED POWER QUALITY DISTURBANCE DETECTION AND CLASSIFICATION USING EXPERT SYSTEM APPROACH”** has been carried out in the Electrical and Electronics department, Thiagarajar College of Engineering, Madurai. 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.

KANIRAJAN P
RESEARCH SCHOLAR

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