




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 " An Improved Tamil Text to Speech Synthesis System with Annotated Dual Corpora " submitted by Mr./Ms. Kiruthika.S


Signature of the Supervisor

Dr. K. KRISHNAMOORTHY
PROFESSOR & HEAD (PG),
Department of CSE,
Shanmuganathan Engineering College,
PUDUKOTTAI-622 507.

Place : *pudukotta*

Date : *02.09.16*



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Proceedings of the Ph.D. Viva-Voce Examination of Mr./Ms.Kiruthika.S held at 12.05 PM on 02.09.2016 in Conference Hall, Shanmuganathan Engineering College, Arasampatty, Pudukkottai.

The Ph.D. Viva-Voce Examination of Mr./Ms.Kiruthika.S (Reg. No. 10970622037) on his/her Ph.D. Thesis Entitled " An Improved Tamil Text to Speech Synthesis System with Annotated Dual Corpora " was conducted on **02.09.2016** at 12.05 PM in the Conference Hall, Shanmuganathan Engineering College, Arasampatty, Pudukkottai..

The following Members of the Oral Examination Board were present:

- | | |
|--|-----------------------|
| 1. Dr. K.Vivekanandan,Professor,Department of Computer Science & Engineering,Pondicherry Engineering College ,Puducherry-605 014 | Indian Examiner |
| 2. Dr. T.Gnanasambanthan,EDP Manager and Head,Computer Centre NITTTR,Chennai Taramani,Chennai-600113 | Subject Expert |
| 3. Dr. Krishnamoorthy.K,Professor & Head, Department of Computer Science & Engineering, Shanmuganathan Engineering College,Pudukkottai | Supervisor & Convenor |

The research scholar, Mr./Ms. Kiruthika.S 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.Kiruthika.S be awarded Ph.D. degree in the **Faculty of Information and Communication Engineering.**

K. Vivekanandan
Indian Examiner 2.9.2016
(Dr. K. Vivekanandan)

T. Gnanasambanthan
Subject Expert 29/16

K. Krishnamoorthy
Supervisor & Convenor
L. K. KRISHNAMOORTHY
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CERTIFICATE

The research work embodied in the present Thesis entitled “**AN IMPROVED TAMIL TEXT TO SPEECH SYNTHESIS SYSTEM WITH ANNOTATED DUAL CORPORA**” has been carried out in the Department of Computer Science and Engineering, Shanmuganathan Engineering College, Pudukkottai. 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.

KIRUTHIKA S
RESEARCH SCHOLAR

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