



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: MAR013087

This is to certify that the candidate has qualified for the award of *Degree of Doctor of Philosophy* in compliance of the UGC Regulations 2009 as detailed below:

Name	: SIVAKUMAR M
Registration Number	: 4086042125
Degree	: Ph.D.
Department/Centre	: ELECTRONICS AND COMMUNICATION ENGINEERING
Faculty	: ELECTRICAL ENGINEERING
Date, Month & Year of Viva-Voce Examination held	: 10.08.2015
Title of the Thesis	: ANALYSIS OF SWITCH FAULT OF CASCADED H-BRIDGE MULTILEVEL INVERTER USING SIGNAL PROCESSING AND SOFT COMPUTING TECHNIQUES




Controller of Examinations



Ministry of External Affairs
 Section of External Affairs
 11, B-1, P.W. Section
 (P.S. HANUMAN)
 Secy (P.S. HANUMAN)
 (P.S. HANUMAN)



Office (C) MINISTRY OF EXTERNAL AFFAIRS
 NEW DELHI, INDIA
 JND0003189618

SDM, KARAWAL NAGAR, DELHI
 RADHA CHARAN

SIVAKUMAR M

PROVISIONAL CERTIFICATE
 This public document of the type

INDIA
 (Continued from 5 October 1987)
 The Ministry of External Affairs
 is responsible for the
 content of the above documents

Checked by	<i>[Signature]</i>
Ready by	<i>S. Nandani</i>

(RADHA CHARAN)
 Secy (P.S. HANUMAN)
 Govt. of India



ATTESTED
 Registrar
 Govt. of India



NOTARY PUBLIC
 No. CR 100718

15/12/87