

CERTIFICATE

This is to certify that all corrections and suggestions pointed out by the Indian /Foreign Examiner(s) are incorporated in the Thesis titled "EFFICIENT ROUTING SCHEMES FOR MINIMIZING ENERGY CONSUMPTION IN MOBILE AD HOC NETWORKS" submitted by Ms. R.Bhuvaneshwari, Reg.No. 10900532010.



DR. M. VISWANATHAN
SUPERVISOR
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Kalapatti, Coimbatore

Place: Coimbatore

Date: 18.11.2013

CENTRE FOR RESEARCH
ANNA UNIVERSITY :: CHENNAI 600025

Ph.D.	Part Time
Reg. No.	10900532010

Proceeding of the Ph.D.,Viva-Voce Examination of Ms. R.Bhuvaneshwari, Regn.No. 10900532010, held at Dr.NGP Institute of Technology, Kalapatti Road, Coimbatore on 18.11.2013 at 09.30 A.M. in Electronics and Communication Engineering Dept.

The Ph.D. Viva-Voce Examination of Ms. R. Bhuvaneshwari, (Reg. No.10900532010) on her Ph.D. Thesis Entitled "EFFICIENT ROUTING SCHEMES FOR MINIMIZING ENERGY CONSUMPTION IN MOBILE AD HOC NETWORKS" was conducted on 18.11.2013 at 09.30 A.M. in the Department of Electronics and Communication Engineering.




The following Members of the Oral Examination Board were present:


1	Dr. M. Viswanathan	Professor Dr.NGP Institute of Technology Kalapatti Road, Coimbatore	Supervisor & Convener
2	Dr. V.Gopalakrishnan	Associate Professor, Dept. EIE, Govt. College of Technology, Coimbatore 641013	Expert
3	Dr. G. Sivaradje	Professor, Dept. of ECE, Pondicherry Engg. College, Pondicherry-605014	Indian Examiner

The research scholar, Ms. R. Bhuvaneshwari, presented the salient features of 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 scholar's research work, her presentation and also the clarifications and answers by the scholar to the questions, the board recommends that Ms. R. Bhuvaneshwari, (Reg.No. 10900532010) be awarded Ph.D. degree in the Faculty of Information and Communication Engineering.

1		Dr. M. Viswanathan	Supervisor & Convener
2		Dr. G. Sivaradje	Indian Examiner
3		Dr. V. Gopalakrishnan	Expert


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BONA FIDE CERTIFICATE

Certified that this Thesis titled “**EFFICIENT ROUTING SCHEMES FOR MINIMIZING ENERGY CONSUMPTION IN MOBILE AD HOC NETWORKS**” is the bonafide work of **Ms. BHUVANESWARI, R.** who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported herein 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 on this or any other scholar.

Place :

Date:



DR. M. VISWANATHAN

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