

ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: RAR013208

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 : ARUL DOSS ADAIKALAM I

Registration Number : 1214379758

Degree : Ph.D.

Department/Centre/Subject : ELECTRICAL AND ELECTRONICS ENGINEERING

ENGINEERING

Faculty : **ELECTRICAL ENGINEERING**

Date, Month & Year of Viva-Voce

Examination held : 25.11.2020

Title of the Thesis : PARTICLE SWARM OPTIMIZATION BASED

DEMAND RESPONSE PROGRAM WITH FIXED

AND DIFFERENT ELASTICITIES

SEA MANUEL MANUE

PRINCIPAL

T.J.S. ENGINEERING COLLEGE

Peruvoyal, Kavaraipettai, Gummidipoondi Taluk, Thiruvallur Dist - 601-206.

Chennai - 600 025

Date 07-JAN-2021

Controller of Examinations