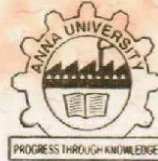


Dr. K. Sivalingam



Reg.No. 2004169705/RG

The Syndicate of the Anna University hereby makes known that
SIVALINGAM K *has been admitted to the* **DEGREE OF DOCTOR OF**
PHILOSOPHY *under the* **Faculty of Civil Engineering**, *having been*
certified by the duly appointed examiners to be qualified to receive the same in the
year **2013.**


Title of the Thesis:


**EXPERIMENTAL STUDY ON STRENGTH AND DURABILITY WITH
THEORETICAL MODELLING OF HIGH VOLUME FLYASH CONCRETE
USING MATHEMATICAL AND ARTIFICIAL NEURAL NETWORKS
TOOLS IN BRACKISH WATER ENVIRONMENT**

Given under the Seal of the University



Chennai 600 025
India
November 2013
ANU/11


Controller of Examinations


Registrar


Vice-Chancellor