



## FACULTY OF SCIENCE

The Senate of the University of Kerala hereby makes known that **Ramakrishnan, S.** has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

Subject **Chemistry**

Title of the Thesis **ANSA - METALLOCENE BASED NORMAL AND EXPANDED CALIXPYRROLES AND CALIXPHYRINS : SYNTHESSES, SPECTRAL AND STRUCTURAL CHARACTERIZATION**

Date of Syndicate Decision: 16/02/2012

Given under the seal of the University



University Buildings

Thiruvananthapuram August 22, 2012

  
Vice Chancellor