



**FACULTY OF SCIENCE**

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

*Subject* **Physics**

*Title of the Thesis* **SHORT TERM AND LONG TERM VARIABILITIES IN THE EQUATORIAL MIDDLE & UPPER ATMOSPHERE**

*Date of Syndicate Decision:* 29/06/2013

*Given under the seal of the University*

iversity Buildings

iruvananthapuram November 12, 2013



Vice Chancellor