

ANDHRA UNIVERSITY



FACULTY OF SCIENCE

*This is to certify that*

Kaligiti Pushparaju

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in this University, he having been declared to be  
qualified to receive the same in 2010.*

*Given under the Seal of the University*

VISAKHAPATNAM

13th June, 2011

*P. S. Srinivasulu Reddy*  
13.06.11

Vice-Chancellor

*[Handwritten mark]*