

# ANDHRA UNIVERSITY



## FACULTY OF SCIENCE

*This is to certify that*

Gedala Sankara Narayana Rao

*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 2009.*

*Given under the Seal of the University*

VISAKHAPATNAM

5th December, 2009

*R. S. Srinivas*  
Vice-Chancellor  
05.12.09