## APPLICATION OF SYSTEM IDENTIFICATION TECHNIQUES TO BOILER DRUM MODELING FOR THE DESIGN AND ANALYSIS OF DRUM LEVEL CONTROL SCHEMES

Thesis submitted to Andhra University for the fulfilment for the award of the degree of

## DOCTOR OF PHILOSOPHY IN INSTRUMENT TECHNOLOGY

Submitted by A. SUMALATHA

Under the guidance of Prof. A. BHUJANGA RAO



DEPARTMENT OF INSTRUMENT TECHNOLOGY

COLLEGE OF ENGINEERING [A]

ANDHRA UNIVERSITY, VISAKHAPATNAM-530 003, INDIA

2019