

**A NEW APPROACH FOR EFFICIENT MULTIPATH  
ERROR MITIGATION IN PRECISE GPS POSITIONING  
APPLICATIONS**

*Thesis submitted to the GITAM (Deemed to be University)  
in Partial fulfilment of the requirements for award of Degree of*

**DOCTOR OF PHILOSOPHY  
IN  
ELECTRONICS AND COMMUNICATION ENGINEERING**

*By*

**SWATHI NADIPINENI**

**1260412421**

*Under the guidance of*

Co-Supervisor

**Dr. G. Sasibhushana Rao**

Professor and HOD, ECE

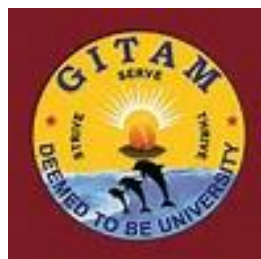
Andhra University

Supervisor

**Dr. V. B. S. Srilatha Indira Dutt**

Professor, ECE, GIT

GITAM (Deemed To Be University)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
GITAM INSTITUTE OF TECHNOLOGY  
GITAM (DEEMED TO BE UNIVERSITY)  
(Estd.u/s 3 of UGC ACT 1956)  
VISAKHAPATNAM-5300045  
NOVEMBER -2019**