

**SOME NEW OPERATIONAL TRANSRESISTANCE AMPLIFIER
BASED SINUSOIDAL/SQUARE WAVEFORM GENERATORS**

A THESIS

submitted by

CHANDRA SHAKER PITTALA

for the award of the degree

of

DOCTOR OF PHILOSOPHY



VIGNAN'S

Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VFSTR UNIVERSITY, VADLAMUDI
GUNTUR – 522213, ANDHRA PRADESH, INDIA**

OCTOBER 2016