

THESIS CERTIFICATE

This is to certify that the thesis entitled **SOME NEW OPERATIONAL TRANSRESISTANCE AMPLIFIER BASED SINUSOIDAL/SQUARE WAVEFORM GENERATORS** submitted by **CHANDRA SHAKER PITTALA** to the Vignan's University, Vadlamudi, Guntur, for the award of the degree of **Doctor of Philosophy** is a bonafide record of the research work done by him under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

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