CERTIFICATE

This is to certify that the dissertation entitled SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOPARTICLE BY **MICROWAVE** ASSISTED **METHOD**Submitted to ALAGAPPA UNIVERSITY in partial fulfilment of requirement of the degree of MASTER OF SCIENCE IN PHYSICS is a record of Bonafide research work carried out by R.RASIKA [REG NO.1822312001] during the year 2022-2024 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any Degree / Diploma / Fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journal or magazines.

SIGNATURE OF THE PRINCIPALSIGNATURE OF THEHOD

The Principal Idhaya College for Women Arockia Nagar - Sarugani

Sivagangai Dt - 630 411

SIGNATURE OF THE GUIDE

Department of Physics

B. Sarl'

Place: Sarugani

Date: 22.4.24