

CERTIFICATE

This is to certify that, the thesis entitled **“SPECTROPHOTOMETRIC DETERMINATION OF METAL IONS USING ORGANIC REAGENTS”** being submitted to **Jawaharlal Nehru Technological University Anantapur, Ananthapuramu** by **NAGALAXMI. B.N.** bearing **Roll.No. 10PH0805** for the award of degree of **Doctor of Philosophy (Ph.D.) in Chemistry** under our guidance and supervision. This thesis work is original and has not been submitted to any other University or Institution either in part or in full for the award of any Degree.

Signature of Supervisor

Dr N. DONAPPA

MLACW,

Bangalore – 12

Karnataka

Signature of Co- Supervisor

Prof. K.B.CHANDRA SEKHAR

Director

JNTUA-OTRI

Ananthapuramu,

Andhra Pradesh

DECLARATION

I declare that the thesis entitled **“SPECTROPHOTOMETRIC DETERMINATION OF METAL IONS USING ORGANIC REAGENTS”** has been prepared by me under the guidance of **Dr. N. Donappa**, Research Supervisor, Maharani Laksmiammanni College for Women, Bangalore and **Prof. K.B. ChandraSekhar**, Research Co-Supervisor JNTUA, Ananthapuramu.

No part of this thesis has formed the basis for the award of any degree or fellowship previously.

Research Scholar

NAGALAXMI.B.N.

Maharani Lakshmi Ammanni College for Women

Bangalore - 12

Date: