



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

CHENNAI - 600073
Tamil Nadu, INDIA

Dr. A. MANIKANDAN, M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.
ASSOCIATE PROFESSOR & HEAD
DEPARTMENT OF CHEMISTRY

BONAFIDE CERTIFICATE

This is to certify that the Thesis entitled "SYNTHESIS AND CHARACTERIZATIONS OF COBALT DOPED $MgFe_2O_4$ NANO-CATALYSTS" submitted by Mrs. D. MARY JASMINE, M.Sc., B.Ed. (Reg. No: M19CI004) for the degree of Master of Philosophy, Department of Chemistry, Bharath Institute of Higher Education and Research, Chennai – 600 073, is based on the results of studies carried out by him under my guidance and supervision. This Thesis or any part of the work has not been submitted elsewhere for any other degree.

Date : 23/12/2020

Place :

Signature of the Guide / Supervisor

Dr. A. MANIKANDAN

M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.,

Professor & Head

Department of Science & Humanities

Bharath Institute of Higher Education & Research

Chennai - 600 073, India

Dr. G. RAMACHANDRAN, M.Sc., M.Ed., M.Phil., Ph.D.,
Assistant Professor
P.G. & Research Department of Chemistry
Dr. Ambedkar Govt Arts College, (Autonomous)
Vyasarpadi, Chennai - 600 039