



# 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)

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Tamil Nadu, INDIA

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Date: 17.11.2020

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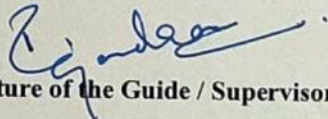
**DEPARTMENT OF CHEMISTRY**

### BONAFIDE CERTIFICATE

This is to certify that the Thesis entitled "SOL-GEL SYNTHESIS AND CHARACTERIZATION STUDIES OF  $\text{LaBa}_x\text{Fe}_{1-x}\text{O}_{3-\delta}$  NANOCRYSTALLINE MATERIALS" submitted by Mrs. T. JOSEPHINE REGINA MARY, M.Sc., B.Ed. (Reg. No: M19CI002) 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: 17.11.2020**

**Place: Chennai**

  
Signature of the Guide / Supervisor



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