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CERTIFICATE FROM THE SUPERVISOR

I certify that the thesis entitled **“SYNTHESIS AND SPECTROSCOPIC CHARACTERIZATION OF HYDROXYAPATITE USING THE GREEN CHELATING AGENTS AS TEMPLATE”** submitted to Periyar University in partial fulfillment for the award of the degree of Doctor of Philosophy in Chemistry by **Mrs. N. BHUVANESHWARI**, is the record of research work carried out by her during the period from 2011 to 2014 under my guidance and supervision and that this work has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or other titles in this or any other University or Institution of higher learning.

Place : Salem - 636 011

Date :

Signature of the Supervisor

(D. GOPI)