A STUDY ON GREEN SYNTHESIS, CHARACTERIZATION CHROMIUM NANOPARTICLES FROM MUSA ACCUMINATA STIGMA EXTRACT USING DIFFERENT ORGANIC SOLVENTS

Thesis submitted to **PERIYAR UNIVERSITY** in partial fulfillment of
The requirements for the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted By

Ms. S. NAVEENDRA

REG. NO: C23PG173CHE002

Under the guidance of

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KAILASH WOMEN'S COLLEGE

DEPARTMENT OF CHEMISTRY

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SALEM-636 502

APRIL- 2025

CERTIFICATE

This is to certify that the project work entitled **"A STUDY ON GREEN SYNTHESIS, HARACTERIZATION CHROMIUM NANOPARTICLES FROM MUSA CCUMINATA STIGMA EXTRACT USING DIFFERENT ORGANIC SOLVENTS "** is bonafied record of work done by **Ms. S. NAVEENDRA, Reg. NO: C23PG173CHE002 M.Sc.,** udent during the academic year **2024-2025** submitted to the Periyar University, salem-11 in artial fulfillment of requirements for the award of the degree of **MASTER OF SCIENCE IN HEMISTRY** and the project work has not previously formed the basis for the award of any egree/ Diploma /Assistantship/ Fellowship of other title and that the dissertation represents dependent and original work on the part of the candidate under my guidance.

ignature of the supervisor

Signature of the HOD

Head of the Department,
Department of Chemistry,
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Nangavalli, Salem-636 502.

ubmitted to the **PERIYAR UNIVERSITY** project evaluation and vive-voce Examination held n 11.04.2025 at chemistry Department, **KAILASH WOMEN'S COLLEGE, SALEM – 36 502 .**

Declaration

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GREEN SYNTHESIS OF COBALT OXIDE NANOPARTICLES USING HIBISCUS CANNABINUS STIGMA EXTRACT USING DIFFERENT SOLVENTS

Thesis submitted to **PERIYAR UNIVERSITY** in partial fulfillment of
The requirements for the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted By

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This is to certify that the project work entitled **"GREEN SYNTHESIS OF COBALT OXIDE NANOPARTICLES USING HIBISCUS CANNABINUS STIGMA EXTRACT USING DIFFERENT SOLVENTS"** is a bonafied record of work done by **Ms. G. PAVITHRA, Reg. NO: C23PG173CHE004 M.Sc.,** student during the academic year **2024-2025** submitted to the Periyar University, salem-11 in partial fulfillment of requirements for the award of the degree of **MASTER OF SCIENCE IN CHEMISTRY** and the project work has not previously formed the basis for the award of any Degree/ Diploma /Assistantship/ Fellowship of other title and that the dissertation represents independent and original work on the part of the candidate under my guidance.

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