

**METAL (Au, Ag) AND METAL OXIDE (ZnO, CuO) NANOPARTICLES
EMBELLISHED β -CYCLODEXTRIN FUNCTIONALIZED GRAPHENE OXIDE
NANOCOMPOSITES AS SURFACE MODIFIED ELECTRODE MATERIALS FOR
ULTRASENSITIVE DETECTION OF NITROPHENOLS (o-NP, p-NP, m-NP)**

THESIS

Submitted to the Bharathiar University in partial fulfillment
of the requirements for the award of the Degree of
DOCTOR OF PHILOSOPHY IN PHYSICS

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DEPARTMENT OF PHYSICS

PSGR KRISHNAMMAL COLLEGE FOR WOMEN

College of Excellence

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