



PSGR Krishnammal College for Women



UGC Certified College of Excellence • Autonomous • Affiliated to Bharathiar University • ISO 9001:2015 Certified • Reaccredited with 'A' Grade by NAAC • Ranked 22nd in NIRF 2019 by MHRD

**INVESTIGATIONS ON METAL (Ag, Au) / METAL OXIDES (ZnO, CuO)
NANOPARTICLES INCORPORATED ON CHITOSAN BLENDED
REDUCED GRAPHENE OXIDE NANOCOMPOSITES FOR
ELECTROCHEMICAL SENSING OF p-AMINOPHENOL AND
ANTIBACTERIAL & ANTICANCER APPLICATIONS**

THESIS

Submitted to the Bharathiar University in partial fulfillment
of the requirements for the award of degree of

DOCTOR OF PHILOSOPHY IN PHYSICS

Submitted by

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Under the Guidance of

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DEPARTMENT OF PHYSICS

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