

# ***ELECTRICAL PROPERTIES OF CuO THIN-FILM PREPARED BY SILAR METHOD***

A Project report submitted to the  
Sadakathullah Appa College (Autonomous)  
Affiliated to Manonmaniam Sundaranar University  
in partial fulfillment of the requirements for the award of the degree of

→→MASTER OF SCIENCE

IN  
PHYSICS

*by*

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DEPARTMENT OF PHYSICS

SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

TIRUNELVELI-627011

APRIL – 2021.

**STRUCTURAL AND MORPHOLOGICAL ANALYSIS OF PURE AND  
DOPED MgO NANOPARTICLES**

**Dissertation Submitted to the  
Sadakathullah Appa College (Autonomous), Tirunelveli**

**Affiliated to**

**Manonmaniam Sundaranar University  
in partial fulfillment of the requirements  
for the award of the degree of**

**MASTER OF SCIENCE IN PHYSICS**

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**TIRUNELVELI-627011**

**APRIL – 2021**

**STRUCTURAL, SPECTROSCOPIC, MAGNETIC AND ANTIFUNGAL  
PROPERTIES OF TRANSITION METAL DOPED ZnO NANOPARTICLES**

A Project Report Submitted to the Sadakathullah  
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**MASTER OF SCIENCE  
IN  
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**STRUCTURAL AND FUNCTIONAL ANALYSIS OF TRANSITION  
METAL DOPED ZnO NANOPARTICLES**

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# **Modeling and Nonlinear Dynamic Analysis of Chua Diode and Transistor-based Chaotic Oscillators**

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in Partial fulfilment of the requirements for the  
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**Tamilnadu, India.**

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# **STRUCTURAL AND OPTICAL ANALYSIS OF NiO NANOPARTICLES**

**A Project Report Submitted to**

**SADAKATHULLAH APPA COLLEGE (Autonomous)**

**(Reaccredited by NAAC with A Grade, An ISO 9001-2015 Certified Institution) in partial fulfillment of the requirements for the award of  
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# **EXPERIMENTAL AND THEORETICAL APPROACH OF L-PROLINE**

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(Reaccredited by NAAC with A Grade and ISO 9001-2008 certified)  
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# **STRUCTURAL, OPTICAL AND ANTIMICROBIAL PROPERTIES OF COPPER OXIDE NANOPARTICLES**

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# **SYNTHESIS AND CHARACTERIZATION OF MAGNESIUM OXIDE NANOPARTICLES BY SOL-GEL METHOD**

**A Project Report Submitted to the  
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# **Studies on Nonlinear Resonances**

*Thesis submitted to Manonmaniam Sundaranar University, Tirunelveli*

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# **Fractal Dimension of Crumpled Paper Ball and Coast lines of Certain Countries**

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**ANTIFUNGAL APPLICATION OF TRANSITION METAL DOPED  
ZnO NANOPARTICLES**

**A Project Report Submitted to the  
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