

# **INTRODUCTION TO SPINTRONICS AND ITS APPLICATION**

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*A thesis submitted in partial fulfillment of requirements*

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**GOVERNMENT COLLEGE, SUNDARGARH**



**Academic Session: 2023-2024**

# **GRAVITATIONAL WAVES AND L.I.G.O.**

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**Academic Session: 2023-2024**

# **SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTOR**

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**Academic Session: 2023-2024**

# LASER TECHNOLOGY FOR AGRICULTURAL PRODUCTION ENHANCEMENT

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**Academic Session: 2023-2024**

# OPTICAL CAVITY FOR LIGHT -MATTER INTERACTIONS ENHANCEMENT

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**Academic Session: 2023-2024**

# **OPTICAL DIFFRACTION FROM PERIODIC NANO-STRUCTURES**

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**A Project Report**

**On**

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# **NUCLEAR REACTOR FOR POWER PRODUCTION**

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**Academic Session: 2023-2024**

A Project Report  
On  
**REFRACTIVE INDEX SENSING USING GUIDED MODE  
RESONANCE (GMR) STRUCTURE**

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**Academic Session: 2023-2024**

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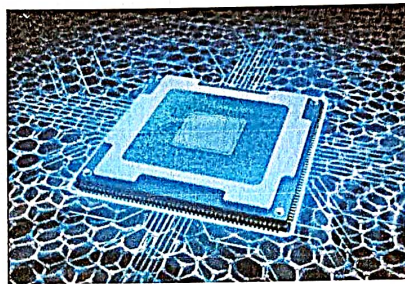
PROJECT REPORT ON

## NANOTECHNOLOGY

A project submitted to

Government college, sundargarh

In partial fulfilment for the award of degree of post graduation with physics Honours -2024



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A Project Report  
On  
**REFRACTIVE INDEX SENSING USING GUIDED MODE  
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**Academic Session: 2023-2024**

**STATISTICAL ANALYSIS OF TEMPERATURE  
VARIATION OVER LAST DECADE IN  
SUNDARGARH**

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**Academic Session: 2023-2024**

**OPTICAL NANOANTENNA:FABRICATION,  
CHARACTERIZATION AND APPLICATION**

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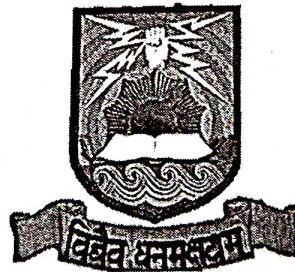
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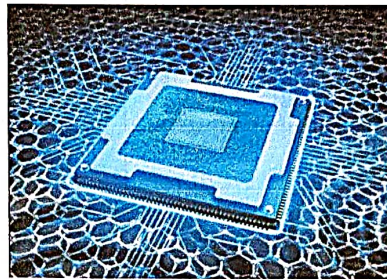
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**Academic session 2023-2024**

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**STATISTICAL ANALYSIS OF TEMPERATURE  
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