

INTRODUCTION TO SPINTRONICS AND ITS APPLICATION

By

BEDAPRAKASH PANDA

University Roll No.: 23S22PC02

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



Academic Session: 2023-2024

GRAVITATIONAL WAVES AND L.I.G.O.

By

PADMANABHA RANA

University Roll No.: 23S22PC03

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



Academic Session: 2023-2024

SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTOR

By

BISHWAJIT SAA

University Roll No.: 23S22PC04

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of*

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



Academic Session: 2023-2024

LASER TECHNOLOGY FOR AGRICULTURAL PRODUCTION ENHANCEMENT

By

BIPAN KUMAR MISHRA

University Roll No.: 23S22PC05

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTOR

By

JAGANNATH BAG

University Roll No.: 23S22PC06

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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OPTICAL CAVITY FOR LIGHT -MATTER INTERACTIONS ENHANCEMENT

By

MUKESH SAH

University Roll No.: 23S22PC07

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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GRAVITATIONAL WAVES AND L.I.G.O.

By

SOURABH RANJAN SAHU

University Roll No.: 23S22PC09

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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OPTICAL DIFFRACTION FROM PERIODIC NANO-STRUCTURES

By

SUBHASREE PRADHAN

University Roll No.: 23S22PC10

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



Academic Session: 2023-2024

A Project Report

On

LASERS

By

AFSHA PARWEEN

University Roll No.: 23S22PC11

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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NUCLEAR REACTOR FOR POWER PRODUCTION

By

RUPALI PRADHAN

University Roll No.: 23S22PC12

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



Academic Session: 2023-2024

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

By
BHAJARAM CHITA
University Roll No.: 23S22PC13
Department of Physics
Government College, Sundargarh
Sundargarh-770002, Odisha

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For the Degree of*

MASTER OF SCIENCE
of
GOVERNMENT COLLEGE, SUNDARGARH



Academic Session: 2023-2024

DEPARTMENT OF PHYSICS

A

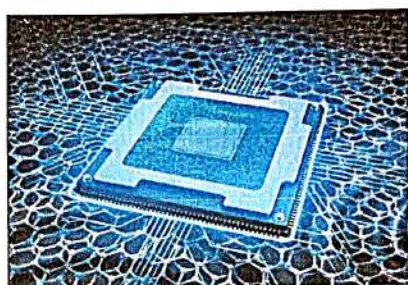
PROJECT REPORT ON

NANOTECHNOLOGY

A project submitted to

Government college, sundargarh

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



Submitted by:-

VENKATESH BISWAJIT BESAN

PG -4TH SEM (SCIENCE) PHYSICS HONOURS

COLLEGE ROLL NO. :-22PHY35

UNIVERSITY ROLL NO.:-23S22PC14

GUIDED BY :-

DR. DIPAK ROUT



GOVERNMENT COLLEGE,

SUNDARGARH

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

By
SWARAJ SOUBHAGYA PARIDA
University Roll No.: 23S22PC15
Department of Physics
Government College, Sundargarh
Sundargarh-770002, Odisha

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For the Degree of*

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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OPTICAL DIFFRACTION FROM PERIODIC NANO-STRUCTURES

By

SAMBITI PANDA

University Roll No.: 23S22PC16

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

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MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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

By

ABHISEK BISWAL

University Roll No.: 23S22PC18

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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OPTICAL NANOANTENNA:FABRICATION, CHARACTERIZATION AND APPLICATION

By

Binapani Behera

University Roll.No: 23S22PC19

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

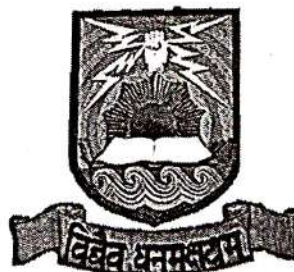
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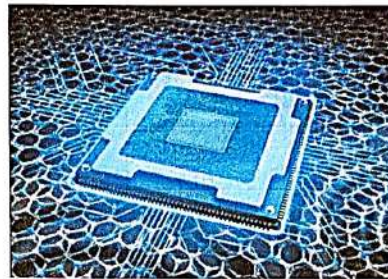
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NANOTECHNOLOGY

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Government college, sundargarh

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



Submitted by:-

SATYAGOPAL MISHRA

PG -4TH SEM (SCIENCE) PHYSICS HONOURS

COLLEGE ROLL NO. :-22PHY17

UNIVERSITY ROLL NO.:-23S22PC20

GUIDED BY :-

DR. DIPAK ROUT



GOVERNMENT COLLEGE,

SUNDARGARH

SUPERCONDUCTING MAGLEV TRAIN

By

BIJAYA LAXMI MISHRA

University Roll No.: 23S22PC21

Department of physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



By

BIJAYA LAXMI MISHRA

University Roll No.: 23S22PC261

Department of physics

Government College, Sundargarh

Sundargarh-770002, Odisha

SINGLE PHOTON SOURCES

By

SUSHREEBALA SAHOO

University Roll No.: 23S22PC22

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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MASTER OF SCIENCE

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GOVERNMENT COLLEGE, SUNDARGARH



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By

PULIN KUMAR PRADHAN

University Roll No.: 23S22PC23

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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SINGLE PHOTON SOURCES

By

PRAVA JOJO

University Roll No.: 23S22PC24

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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MASTER OF SCIENCE

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GOVERNMENT COLLEGE, SUNDARGARH



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NUCLEAR REACTOR FOR POWER PRODUCTION

By

SMRUTI SWARNAPRABHA BADI

University Roll-No:23S22PC25

Department of Physics

Government college, Sundargarh

Sundargarh-(770002), Odisha

A thesis submitted in partial fulfillment of requirement

for the degree of

MASTER of SCIENCE

Of

GOVERNMENT COLLEGE, SUNDARGARH



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GOVERNMENT COLLEGE, SUNDARGARH

SUPERCONDUCTING MAGLEV TRAIN

By

SANJUKTA MAHANTA

University Roll No.: 23S22PC26

Department of physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



By

SANJUKTA MAHANTA

University Roll No.: 23S22PC26

Department of physics

Government College, Sundargarh

Sundargarh-770002, Odisha

QUANTUM DOTS FOR DISPLAY TECHNOLOGY

By

DIPTIMAYEE JUED

University Roll No.: 23S22PC27

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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QUANTUM DOTS FOR DISPLAY TECHNOLOGY

By

DIPTIMAYEE JUED

University Roll No.: 23S22PC28

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

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MASTER OF SCIENCE

GOVERNMENT COLLEGE, SUNDARGARH



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**STATISTICAL ANALYSIS OF TEMPERATURE
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SUNDARGARH**

By

NIKHIL SAHOO

University Roll No.: 23S22PC29

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

For the Degree of

MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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GEOHERMAL ENERGY

By

JHANSIRANI SAHU

University Roll No.: 23S22PC30

Department of Physics

Government College, Sundargarh

Sundargarh-770002, Odisha

A thesis submitted in partial fulfillment of requirements

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MASTER OF SCIENCE

of

GOVERNMENT COLLEGE, SUNDARGARH



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