

**SPECTRAL AND TIMING ANALYSIS OF
BLACK HOLE CANDIDATE**

MAXI J1535-571

Project Report submitted to
UNIVERSITY OF CALICUT

In partial fulfillment of the requirements for the award of the
Degree of
MASTER OF SCIENCE IN PHYSICS

by

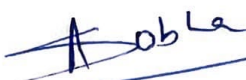
**ABINASREE.P
PWAUMPH001**



2020-2022

Department Of Physics

Providence Women's College, Calicut


Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

GRAPHENE SYNTHESIS USING LIQUID PHASE EXFOLIATION METHOD

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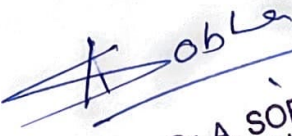
In Partial fulfillment of the requirements for the award of the Degree of
MASTER OF SCIENCE
IN
PHYSICS

by

ALEENA WILSON
(PWAUMPH002)



2020-2022
DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE, MALAPARAMBA
CALICUT-673009


Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

SPECTRAL ANALYSIS OF PIXL INSTRUMENT DATA

Project Report to University of Calicut

In Partial fulfillment for the Degree of
MASTER OF SCIENCE
IN
PHYSICS
by

AMNA ANU P.V
(PWAUMPH003)



2020-2022

DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE,
MALAPARAMBA
CALICUT-673009

A. Sobha
Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

**PREPERATION OF MgO.ZnO
NANOPARTICLE BY ALOEVERA
EXTRACT AND EFFECT OF
ANNEALING TEMPERATURE**

Project Report submitted to
UNIVERSITY OF CALICUT

In partial fulfillment of the requirements for the award of the
Degree of
MASTER OF SCIENCE IN PHYSICS

by

**AMRUTHA.K
PWAUMPH004**



2020-2022

Department Of Physics

Providence Women's College, Calicut

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

SYNTHESIS AND CHARACTERIZATION OF ZnO NANOPARTICLES FROM THE LEAF EXTRACT OF PAPPAYA

Project Report to University of Calicut

In Partial fulfillment for the Degree of
MASTER OF SCIENCE
IN
PHYSICS
by

AMRUTHESWARI C.P
(PWAUMPH005)



2020-2022

DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE,
MALAPARAMBA
CALICUT-673009

A. Sobha

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

**COPPER OXIDE NANOPARTICLES BY
MICROWAVE RADIATION METHOD**

Project Report submitted to
UNIVERSITY OF CALICUT

In partial fulfillment of the requirements for the award of the
Degree of
MASTER OF SCIENCE IN PHYSICS

by

**ANJALI KRISHNA.A.S
PWAUMPH006**



2020-2022

Department Of Physics

Providence Women's College, Calicut

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

HUBBLE DIAGRAM USING SKYSERVER DATABASE

Project Report submitted to
UNIVERSITY OF CALICUT

In partial fulfillment of the requirements for the award of the
Degree of
MASTER OF SCIENCE IN PHYSICS

by

ANJALI R K
PWAUMPH007



2020-2022

Department Of Physics

Providence Women's College, Calicut

A. Sobha

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES

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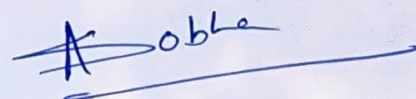
In Partial fulfillment of the requirements for the award of the Degree of
MASTER OF SCIENCE
IN
PHYSICS

by

FAHMIDA FARHATH
(PWAUMPH008)



2020-2022
DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE, MALAPARAMBA
CALICUT-673009


Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

**STRUCTURAL STUDIES OF
Dy₁₀Co₂₀Si₇₀ ALLOY**

Project Report submitted to

UNIVERSITY OF CALICUT
In Partial fulfillment for the Degree of
MASTER OF SCIENCE
IN
PHYSICS
by

HANAN K P
(PWAUMPH009)



2020-2022
DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE, MALAPARAMBA
CALICUT-673009

A. Sobha

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

**SYNTHESIS CHARACTERIZATION AND
OPTIMIZATION OF CARBON QUNATUM
DOTS USING HYDROTHERMAL OIL
BATH METHOD**

Project Report to University of Calicut

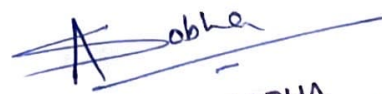
In Partial fulfillment for the Degree of
MASTER OF SCIENCE
IN
PHYSICS
by

JEESNA M S
(PWAUMPH010)



2020-2022

DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE,
MALAPARAMBA
CALICUT-673009


Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

CONTACT ANGLE MEASUREMENTS ON ZnS QUANTUM DOTS FOR PRINTABLE ELECTRONICS APPLICATIONS

Project Report submitted to
UNIVERSITY OF CALICUT

In partial fulfillment of the requirements for the award of the
Degree of
MASTER OF SCIENCE IN PHYSICS

by

RESHMA RAJAN
PWAUMPH011



2020-2022

Department Of Physics

Providence Women's College, Calicut

A. Sobha

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

KINEMATIC STUDIES OF CARBON STARS

Project Report submitted to

UNIVERSITY OF CALICUT

In Partial fulfillment of the requirements for the award of the Degree of
MASTER OF SCIENCE

**IN
PHYSICS**

by

ROSANNA K ANTO

PWAUMPH012



2020-2022

DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE, MALAPARAMBA
CALICUT-673009

A. Sobha

Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

CONTACT ANGLE MEASUREMENTS ON CdS QUANTUM DOTS FOR PRINTABLE ELECTRONICS APPLICATIONS

Project Report submitted to
UNIVERSITY OF CALICUT

In partial fulfillment of the requirements for the award of the
Degree of
MASTER OF SCIENCE IN PHYSICS

by

**SANDRIYA KRISHNAN
PWAUMPH013**



2020-2022

Department Of Physics

Providence Women's College, Calicut



Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009

STUDIES ON STELLAR SPECTRAL CLASSIFICATION USING SDSS DATA

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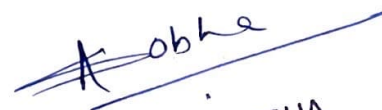
by

SNEHA MARIYA
(PWAUMPH014)



2020-2022

DEPARTMENT OF PHYSICS
PROVIDENCE WOMEN'S COLLEGE, MALAPARAMBA
CALICUT-673009


Dr. A. SOBHA
Head of the Dept. of Physics
Providence Women's College
Kozhikode, Kerala - 673 009