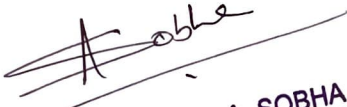


CERTIFICATE

This is to certify that the project entitled Study of X-ray Diffraction is submitted in partial fulfillment for the Degree of Bachelor of Science in Physics, at Providence Women's College, Calicut, and is a bonafide record of the project work carried out by Ms.Aneeta Shaji, Ms.Aparna OV, Ms.Sreenanda M, Ms. Ariya K Vijayan, Ms.Sneha Prakash and Ms.Anavadhya P under my supervision and guidance.



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

Examiners

- 1.....
- 2.....



Ms..Shija K

Supervising Guide

Providence Women's College

March 2021

CERTIFICATE

This is to certify that the project entitled “A review on pseudocapacitors and supercapacitors” is submitted in partial fulfillment for the Degree of Bachelor of Science in Physics, at Providence Women’s College, Calicut, and is a bonafide record of the project work carried out by Ms. Athulya T, Ms. Athira S, Ms. Esabell Mariya James, Ms. Deepthi P, Ms. Gopika S Kumar and Ms. Anagha P K under the supervision and guidance of Dr. Sumangala R.

Sumangala R
Dr. Sumangala R

Supervising Guide

Providence Women’s College

March 2021

A. Sobha
Dr. A. SOBHA
Head of the Department of Physics
Providence Women's College
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Examiners

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DATE

CERTIFICATE

This is to certify that the project entitled Study of Globular Clusters is submitted in partial fulfillment for the Degree of Bachelor of Science in Physics, at Providence Women's College, Calicut, and is a bonafide record of the project work carried out by Ms.Anit Babu., Ms.Aswathi.P.,Ms.Haritha.K P., Ms.Hiba Mariyam p.,Ms. J Unnimaya and Ms.Vyshna v.p., under my supervision and guidance.



Dr. A. SOBHA
Head of the Dept. of Physics
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Kozhikode, Kerala - 673 009

Head of the Department

Examiners

1.....

2.....

Date



Dr. K. Jeena
Supervising Guide
PROVIDENCE WOMEN'S COLLEGE
March 2021

Dr. JEENA.K
Assistant Professor
Dept. of Physics
Providence Women's College, Calicut-9

CERTIFICATE

This is to certify that the project entitled 'STUDY OF IRON-BASED SUPERCONDUCTORS' is submitted in partial fulfillment for the Degree of Bachelor of Science in Physics, at Providence Women's College, Calicut, and is a bonafide record of the project work carried out by Ms.Vismaya Tomy, Ms.Mufida Sherin.P., Ms.Ambili.K., Ms.Aneena Vincent, Ms.Arya Vishwanadhan and Ms.Jewel Anns under the supervision and guidance of Dr.Sobha.A.

Dr.Sobha.A

Supervising Guide

Providence Women's College

March 2021

~~A Sobha~~

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

Head of the Department:

Examiners

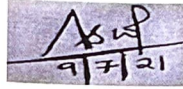
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DATE

CERTIFICATE

This is to certify that the project entitled 'STUDY OF GALAXY EVOLUTION USING SDSS DATA' is submitted in partial fulfillment for the Degree of Bachelor of Science in Physics, at Providence Women's College, Calicut, and is a bonafide record of the project work carried out by Ms. Vishnupriya E, Ms. Angitha Kishor K, Ms. Adithya Murali, Ms. Amala John, Ms. Saniya Jose and Ms. Theertha C under the supervision and guidance of Dr. Aswathy S.



Dr. Aswathy S
Supervising Guide
Providence Women's College
March 2021



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

Head of the Department:

Examiners

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CERTIFICATE

Certified that the work incorporated in the project entitled "STUDY OF HR DIAGRAM", submitted by Ms. Gayathri Asok, Ms. Gopika A, Ms.Hafsa, Ms. Akhila U K, Ms. Fidhalna Prasad M, Ms. Megha Raveendran A K for the partial fulfillment of their B.Sc course in the Department of Physics, Providence Women's College, Calicut during 2020-2021, comprises the results of independent and original work done by the candidates under my supervision.

Dr. Sini.R

Supervising Guide

Providence Women's College, Calicut


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

Dr. Sobha
Head of the Department

Examiners

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CERTIFICATE

This is to certify that the project work entitled A REVIEW ON APPLICATIONS OF FLUORESCENCE is submitted in partial fulfillment of the degree in Bachelor of Physics at Providence Women's College, Kozhikode affiliated to University of Calicut and is the bonafied record of the project work carried out by ALIN SHAJU, BHAVNA C P, MEHTHAB N, SAFANIYA P, SAYOOJYA M and THANMAYEE GORE under the guidance of Ms. Siji A J, Assistant Professor, Department of Physics, Providence Women's College, Calicut.

A

PROJECT GUIDE

~~A. Sobha~~
DR. A. SOBHA
HEAD OF THE DEPARTMENT

Dr. A. SOBHA
Head of the Dept. of Physics
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EXAMINERS

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