

EKNM GOVERNMENT COLLEGE ELERITHATTU (Established in 1981, Affiliated to Kannur University) Accredited by NAAC with 'B' Grade Elerithattu(PO), Nileshwar (Via), Kasaragod (Dist.), Kerala-671314,Ph: 04672245833, 9188900213 e-mail: eknmgovtcollege@yahoo.com , Web: <u>http://www.eknmgc.ac.in</u>

# **Project Work-BSc Physics**

# 1.3.2 Percentage of students undertaking project work/field work/internships

Name of the Student	University Reg No.	Title of the Project Work
		ANALYSIS OF X-RAY DIFFRACTION
ABHINAV M V	EK20CPHR01	DATA OF COBALT FERRITE NANOPARTICLES
	EK20CFHK01	EXISTENCE OF LIFE ON OTHER
NIVED P NAIR	EK20CPHR02	PLANETS
		EXISTENCE OF LIFE ON OTHER
ANJANA T	EK20CPHR03	PLANETS
ANJIMA S RAJ	EK20CPHR04	ANALYSIS OF X-RAY DIFFRACTION DATA OF COBALT FERRITE NANOPARTICLES
ATHIRA P V	EK20CPHR05	ANALYSIS OF XRD DATA OF ZINC FERRITE NANOPARTICLES
JEENA K V	EK20CPHR06	OBSERVATIONS ABOUT COMETS
RITHIKA P	EK20CPHR07	OBSERVATIONS ABOUT COMETS
RIYA JOSE	EK20CPHR08	MOMENT OF INERTIA AND ITS CALCULATIONS USING PYTHON
MELBIN MATHEW	EK20CPHR09	OBSERVATIONS ABOUT COMETS
SARATH K	EK20CPHR10	ANALYSIS OF XRD DATA OF MAGNESIUM FERRITE NANOPARTICLES
ADHITHYA BALACHANDRAN	EK20CPHR11	ANALYSIS OF XRD DATA OF ZINC FERRITE NANOPARTICLES
AGNA PAVITHRAN	EK20CPHR12	MOMENT OF INERTIA AND ITS CALCULATIONS USING PYTHON
AMAYA BABU	EK20CPHR13	ANALYSIS OF XRD DATA OF ZINC FERRITE NANOPARTICLES
ASWATHI S KRISHNAN	EK20CPHR14	ANALYSIS OF XRD DATA OF MAGNESIUM FERRITE NANOPARTICLES
ASWINI S KRISHNAN	EK20CPHR15	ANALYSIS OF XRD DATA OF MAGNESIUM FERRITE NANOPARTICLES
JYOSNA V	EK20CPHR16	EXISTENCE OF LIFE ON OTHER PLANETS

#### List of students who undertake project work

<b>Completion Certificates</b>	
Project report on	
Analysis of X Ray Diffraction data of Cobalt ferrite	
nanoparticles	
Submitted to	
KANNUR UNIVERSIY	
In partial fulfilment of the requirement for the award for	
Bachelor of Science Degree in Physics	
Under the guidance of Dr. Chithra M	
Submitted by	
Abhinav M V	
Reg. No. EK20CPHR01	
Department of Physics	
- Ander	
EKNM GOVERNMENT COLLEGE	
ELERITHATTU	

This is to certify that Abhinav M V, of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of X Ray Diffraction data of Cobalt ferrite nanoparticles'' during the year 2022-2023. Also certify that no part of work has been presented before.

Head of the Department:

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External Examiner 1: Muser c.B.

Lecture in Charge: Dr. Chitha M Chilh External Examiner 2:

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### **Existence Of Life On Other Planets**

Submitted to

KANNUR UNIVERSIY In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Mr. Hareendranathan P

Submitted by

NIVED P NAIR

Reg. No. EK20CPHR02

Department of Physics



This is to certify that NIVED P NAIR, of final year B. Sc. Physics has successfully completed the project on the topic "Existence Of Life On Other Planets " during the year Dr Jill Kunne K 2020-23. Also certify that no part of work has been presented before.

Head of the department:

Lecture in charge:

External examiner 1:

External examiner 2: Wal Mareer c-B.

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# **Existence Of Life On Other Planets**

Submitted to

KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Mr. Hareendranathan P

Submitted by

ANJANA T

Reg. No. EK20CPHR03

Department of Physics



ANJANA T of final year B. Sc. Physics has successfully This is to certify that completed the project on the topic "Existence Of Life On Other Planets 1" during the year External examiner 2 Marco c-B-2020-23. Also certify that no part of work has been presented before.

Head of the department:

Lecture in charge:

# Analysis of X Ray Diffraction data of Cobalt ferrite

nanoparticles

Submitted to

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KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Dr. Chithra M

Submitted by

Anjima S. Raj

Reg. No. EK20CPHR04

Department of Physics



This is to certify that Anjima S Raj, of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of X Ray Diffraction data of Cobalt ferrite nanoparticles" during the year 2022-2023. Also certify that no part of work has been presented before.

Head of the Department:

External Examiner 2: Hold Mareer C.B.

Lecture in Charge: Dr. Chittha M Milh

#### Analysis of XRD data of Zinc ferrite nanoparticles

Submitted to

KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Dr.Chithra M

Submitted by

ATHIRA P.V.

Reg. No.EK20CPHR05

Department of Physics



This is to certify that Miss. Athira P. V., of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of XRD data of Zinc ferrite nanoparticles" during the year 2020-2023. Also certify that no part of work has been presented before.

Head of the Department: ( 💥



External Examiner 2: Mancer CB.

Lecture in Charge: Dr. Chitha M Harth

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# **Observations about Comets**

Submitted to

#### KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Mr. Hareendranathan P

Submitted by

Jeena K V

EK20CPHR06

Department of Physics



This is to certify that Jeena K V, of final year B. Sc. Physics has successfully completed the project on the topic "Observations about Comets" during the year 2023. Also certify that no part of work has been presented before.

Head of the department:

Lecture in charge:

External examiner 1: Dr. Gjilly kunne External examiner 2: Marcor C.P.

#### **Observations about Comets**

Submitted to

KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Mr. Hareendranathan P

Submitted by

Rithika P

EK20CPHR07

Department of Physics



This is to certify that Rithika P, of final year B. Sc. Physics has successfully completed the project on the topic "Observations about Comets" during the year 2023. Also certify that no part of work has been presented before.

Head of the department

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External examiner 1: Dr. Fjith Kunner K External examiner 2: When Mareer C. 8.

Project report on
<b>Observations about Comets</b>
Submitted to
KANNUR UNIVERSIY
In partial fulfilment of the requirement for the award for
Bachelor of Science Degree in Physics
Under the guidance of Mr. Hareendranathan P
Onder the guidance of Mr. Hareendrahathan F
Submitted by
Melbin Mathew
EK20CPHR09
Department of Physics
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This is to certify that Melbin Mathew, of final year B. Sc. Physics has successfully completed the project on the topic "Observations about Comets" during the year 2023. Also certify that no part of work has been presented before.

Head of the department

Lecture in charge:

External examiner 1: July Kumar K Dr. July Kumar K External examiner 2: Marker C.B.

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<b>8</b> 4	Project report on
<b>&gt;3</b>	Analysis of XRD data of Magnesium Ferrite Nanoparticles
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>9	Submitted to
<b>&gt;9</b>	KANNUR UNIVERSIY
* * * * * *	In partial fulfilment of the requirement for the award for
>3	Bachelor of Science Degree in Physics
>3	Under the guidance of Dr. Chithra M
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	Submitted by
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2	SARATH K
3	Reg. No. EK20CPHR10
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This is to certify that Mr. Sarath K., of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of XRD data of Magnesium Ferrite Nanoparticles" during the year 2020-2023. Also certify that no part of work has been presented before.

Head of the Department:

Lecture in Charge: Dy. Chithia M

Abilt

External Examiner 1:

Dr. Djihkumark External Examiner 2: Muler Muneer C. P.

# Analysis of XRD data of Zinc ferrite nanoparticles

Submitted to

KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Dr.Chithra M

Submitted by

ADHITHYA BALACHANDRAN

Reg. No.EK20CPHR11

Department of Physics



This is to certify that Miss. Adhithya Balachandran, of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of XRD data of Zinc ferrite nanoparticles" during the year 2020-2023. Also certify that no part of work has been presented before.

Head of the Department:

Lecture in Charge: Dr. Chillina M apula

External Examiner 1:

External Examiner 1: Dr. Aji'h kunar k External Examiner 2:

	Project report on
10	Moment Of Inertia And Its Calculations
	Using Python
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i.	Submitted to
	KANNUR UNIVERSITY
	In partial fulfillment of the requirement for the award for
	Bachelor of Science degree in Physics
6	Under the guidance of Hareendranatan P
l.	Submitted by
V	
	AGNA PAVITHRAN
l.	Reg.no.: EK120CPHR12 &
	RIYA JOSE Reg.no.: EK20CPHR08
	Department of Physics
	Department of Physics
	EVANA COVEDNIA ENT COLLEGE EL ED T
	EKNM GOVERNMENT COLLEGE, ELERITHATTU

This is to certify that Miss.AGNA PAVITHRAN & RIYA JOSE, of final year B. Sc. physics, has successfully completed the project on the topic "Moment of inertia and its calculations using python" during the year 2020-2023. Also, certify that no part of the work has been presented before.

Head of the department;

Lecturer in charge:

External examiner 1: Dr: Gjih Kungv K External examiner 2:

External examiner 2:

#### Analysis of XRD data of Zinc ferrite nanoparticles

Submitted to

KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Dr. Chithra M

Submitted by

AMAYA BABU

Reg. No. EK20CPHR13

Department of Physics



This is to certify that Miss. Amaya Babu, of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of XRD data of Zinc ferrite nanoparticles" during the year 2020-2023. Also certify that no part of work has been presented before.

Head of the Department:

Lecture in Charge: Dy. Chitma M Gailt

External Examiner 1: John Kunur K Dr. Ojih Kunur K External Examiner 2: Mar Mareer C-P.

# Analysis of XRD data of Magnesium Ferrite Nanoparticles

Submitted to

KANNUR UNIVERSIY

In partial fulfilment of the requirement for the award for

Bachelor of Science Degree in Physics

Under the guidance of Dr. Chithra M

Submitted by

ASWATHII. S. KRISHNAN

Reg. No. EK20CPHR14

Department of Physics



This is to certify that Miss. Aswathi. S. Krishnan., of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of XRD data of Magnesium Ferrite Nanoparticles" during the year 2020-2023. Also certify that no part of work has been presented before.

Head of the Department:



Lecture in Charge: Dr. Chitha M Milh

External Examiner 1: Dr. Jih Kumm. K External Examiner 2:

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	Submitted to
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3	In partial fulfilment of the requirement for the award for
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3	Bachelor of Science Degree in Physics
9	Under the guidance of Dr. Chithra M
3	Submitted by
2 2 2 2	ASWINI, S. KRISHNAN
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2	Reg. No. EK20CPHR15
2	Department of Physics
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This is to certify that Miss. Aswini. S. Krishnan., of final year B. Sc. Physics has successfully completed the project on the topic "Analysis of XRD data of Magnesium Ferrite Nanoparticles" during the year 2020-2023. Also certify that no part of work has been presented before.

Head of the Department:

Lecture in Charge: Dr. Chillma M Chilt

External Examiner 1: Dr. Of M Kumar K External Examiner 2: Mane er . c. G.

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K20CPHR16

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### COLLEGE ELERITHATTU

This is to certify that JYOSNA V, of final year B. Sc. Physics has successfully completed the project on the topic "Existence Of Life On Other Planets 11 during the year 2020-23. Also certify that no part of work has been presented before.

Head of the department:

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External examiner 1 Dr. Ojith Kumar K External examiner 2 Mart er c. 8.