### **STUDENT INTERNSHIPS**

The institution offers student internships as an innovative initiative for the transfer of knowledge which gives students the opportunity for career exploration and development and to learn new skills. It helps to develop an understanding of the world of work and an awareness of students' skills and abilities. Students from various departments have completed internships at other universities during their programme of study which sharpens their academic skills and capabilities and paves the way for a bright career in future.

# **Department of Physics**

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## Internship on "Experiments using ExpEyes17"

The internship on "Experiments using ExpEyes17" was conducted as a part of collaboration of Dept.of Physics, Sacred Heart College with St. Paul's College, Kalamassery. As a part of this, five B.Sc. Physics students from the Department of Physics, St. Paul's College, Kalamassery did an internship on "Experiments using ExpEyes17" during 03-05, December 2019. The students were introduced to the ExpEyes17 kit. ExpEYES is a hardware & software framework for developing science experiments, demonstrations and projects. Hands-on training sessions are given in the M.Sc. Physics computer lab. A range of experiments were covered. The Python programming required to control the device was also covered. Dr. Nijo Varghese, Head of the Dept. of Physics, Sacred Heart College, was the chief tutor.

## Letter from St.Paul's College, inviting for internship Collaboration:

St. Paul's College	HART CARRY FO Formation (Section 2018) prove
To,	
The Principal	
Sacred Heart College	
Chalakudy Thrissar 680307	
THISSE 080507	
Respected Madam	
Subject: Request for granting permission for studer	ats to do Internship
The following final year B. Sc. Physics studen	nts would like to do a three day Internship on
ExpEyes in the Department of Physics of Sacred H	least College, Chalakudy. Please grant permission
to the students for the same.	
1. Swathi Suresh	
2. Anna Rose Nelson	
3. Susan Clare	
<ol> <li>Jayalakahmi Prakash</li> <li>Fathima Thasli</li> </ol>	
o, Paulina Linion	
	Dr.
	Dr. Reinsburger V.G.
a+ Dea	Dr. Rajeshmon V. G. Head of the Department
A TON	Department of Physics
((ぎ( 重 )三))	St. Paul's College, Kalamassery
and a second	Kochi 683503
Kalamassery	
26-11-2019	

#### Certificate issued for the interns:

Ph. (Off.): 0480 2701159 Principal (Per.): 0480 2708877 (Res.): 0480 2701876 Fax: 0480 2708877

SACRED HEART COLLEGE, CHALAKUDY Railway Station Road, Thrissur Dt., Kerala - 680 307, India (Affiliated to University of Calicut & Re-accredited with A+ Grade by NAAC, CGPA 3.55) E-mail : shcollegecky@gmail.com Website: www.sacredheartcollege.ac.in

Date :

05-12-2019

#### CERTIFICATE

This is to certify that the following final B.Sc. students of Department of Physics, St. Pauls College, Kalamassery, had successfully completed the three day Internship on Experiments using EXPEYES17, under the supervision of Dr. Nijo Varghese, Department of Physics, Sacred Heart College, Chalakudy, during 03-05 December 2019.

1. Swathi Suresh 2. Susan Clare 3. Fathima Thasli K A

- 4. Anna Rose Nelson
- 5. Jayalakshmi Prakash



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FRINCIPAL SACRED HEART COLLEGE CHALAKUDY

## **Attendance Sheet**

## INTERNSHIP ON EXPERIMENTS USING EXPEYES17

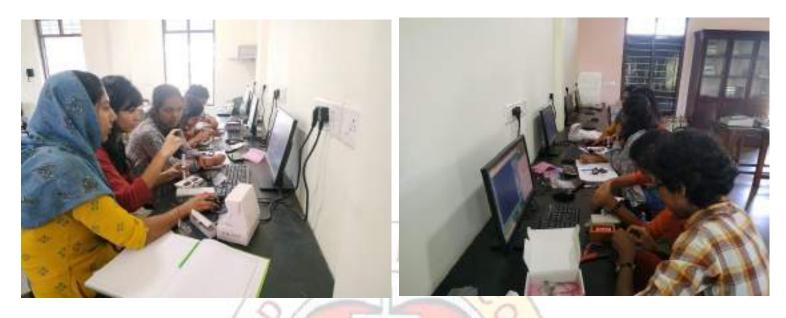
( 3-5 December 2019)

Department of Physics, Sacred Heart College, Chalakudy

Attendence sheet

SI No	Name	03-12-2019		04-12-2019		05-12-2019	
		FN	AN	FN	AN	FN	AN
1	Swathy Suresh	æ	SP	(A)	æ	æ.	Ð
2	Susan Clare	34	87	St	A	St	34
3	Fathima Thasli K A	bali	2 and	Reel	Net	Not	NE
4	Anna Rose Nelson	bon Shallin	Langhallin	handlind hit	woodendas	boot and allow	halfendblar
5	Jayalakshmi Prakash	1 to all	Alen's		Mer 1	ANT -	ter

## **Photographs:**



Students are doing experiments using the ExpEyes kit in the M.Sc. Physics lab, SH College Chalakudy.

## **DEPARTMENT OF CHEMISTRY**

Two of our students have completed internships at other universities. Ms. Ann Maria Shaji, M Sc. student has completed a summer project on "Recent Trends in Biocatalysis: Visible light driven Enzyme catalysis" from the University of Hyderabad during the period  $5^{th}$  May,  $2021 - 28^{th}$  June, 2021. She completed this internship when she was a first-year M Sc. student.



Ms. Adhitta P B has completed CSIR Summer Research Training programme CSIR-SRTP 2020 online mode. The programme was organized by CSIR-NEIST Jorhat. She completed the summer internship during the period June–August 2020 when she was a first-year M Sc. student.

