

DETAILS OF FUNCTIONAL MEMORANDUM OF UNDERSTANDING (MoU):

Sacred Heart College, Chalakudy, Kerala

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DETAILS OF FUNCTIONAL MEMORANDUM OF UNDERSTANDING (MoU):

NAME OF THE INSTITUTION:

Sacred Heart College, Chalakudy, Kerala, India

Software License Agreement

File No:	
Name of the Collaborating Institution	Sacred Heart College, Chalakudy, Kerala, India
Area of collaboration	Academic, Staff and Student Exchange
Date of Initiation	02 June 2021
Co-ordinator Name	Dr. Edwin Jose, Asst.Professor, Dept. of Physics
National/ International	National
Duration of collaboration	Five years
Targeting departments/ beneficiaries	College Physics students, Astro club members, Teaching staff of Physics
Number of Students/ Faculty participated	42 students, 8 faculties, 12 local people.

Details of Activities under MoU

Introduction

College found that teachers can perform well in teaching as well as research, if they interact closely with neighbouring colleges. Hence under the MoU, three activities conducted during the academic year 2021-22.

Activities conducted:

1. Dr.Sr.Reena Ittyachan, Associate Professor, Dept. of Physics sanctioned research guideship from Calicut University at the Christ College research department of Physics and Ms.Vidya K Soman joined for research under Dr.Sr.Reena Ittyachan as per order no.177398/RESEARCH-B-ASST-2/2021/Admn dated 02/12/2021.
2. Two-Week Interdisciplinary Online Faculty Development Program on "Structural Analysis Using Rietveld Refinement, Microscopic and Compositional Analysis" during 29 September-13 October 2021, under the collaboration of 5 colleges in India.
3. Dr.Nijo Varghese, Head, Department of Physics, Sacred Heart College, Chalakudy as resource person, conducted a "sky watching night" with an 8 inch astronomical telescope on 23rd December 2021, Thursday from 5.00p.m. to 8.30p.m. The program started with an talk on "An Introduction to star gazing".

DETAILS OF FUNCTIONAL MEMORANDUM OF UNDERSTANDING (MoU):

SPECIFIC OUTCOMES

Specific Outcomes:

1. *The collaboration was successful, since three programs conducted such as research, FDP programme and night sky watching.*

Any other details: (Items/Knowledge Shared)

The students very well appreciated the star watching programme, hence decided to conduct such programs in every 2 years. Also decided to intensify collaborative research..

PHOTO 1: Inauguration of online FDP Date:29 Sept 2021



PHOTO 2: night sky watching date : 23-12-2021



DETAILS OF FUNCTIONAL MEMORANDUM OF UNDERSTANDING (MoU):

Specific Outcomes:





PHOTO 3:



DETAILS OF FUNCTIONAL MEMORANDUM OF UNDERSTANDING (MoU):

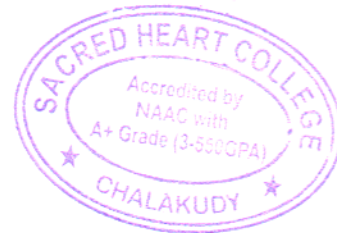
DECLARATION

We hereby declare that the above activities detailed in the current report was conducted under the MoU between our institutions.

Christ College (Autonomous)	Sacred Heart College
 Dr. Edwin Jose MoU COORDINATOR	 Dr. Nijo Varghese MoU COORDINATOR
 Assistant Professor- In-charge of Principal Christ College (Autonomous) Irinjalakuda PRINCIPAL	 Dr. Sr. Reena Ittyachan Principal SACRED HEART COLLEGE CHALAKUDY PRINCIPAL

PLACE: Irinjalakuda

DATE: 24/12/2021





CHRIST
COLLEGE (AUTONOMOUS)
BRINJALAKUDA, KERALA

SKY WATCHING NIGHT

Organised by Department of Physics,
Christ College Irinjalakuda

Date: 23rd December 2021 (Thursday)
Time: 5.00 pm to 8.30 pm

Program starts with an
invited Seminar talk on the topic
**'AN INTRODUCTION
TO STAR GAZING'**

by



Dr. Nijo Varghese,

Assistant Professor & Head, Department of Physics,
Sacred Heart College, Chalakudy

Venue of Seminar talk : Rev., Fr. Jose Thekkan Seminar Hall
Venue of sky watch : On top of College administrative block

All are welcome

Dr. Shaju K Y
Vice-Principal &
Head of Department

Dr. Fr. Jolly Andrews CMI
Principal

Dr. Edwin Jose
Co-Ordinator
Mob:9400957071

Students are requested to follow Covid 19 protocols



UNIVERSITY OF CALICUT

Abstract

DoR - Ph.D. Programme 2021 - Registration to Ph.D. in Physics - Ms.Vidya K Soman - Department of Physics, Christ College, Irinjalakuda as Research Centre - Granted - Orders issued.

Directorate of Research

U.O.No. 19316/2021/Admn

Dated, Calicut University P.O. 02.12.2021

- Read:- (1) Notification No.204384/DOA-ASST-5/2020/Admn dated 21.06.2021.
 (2) The application for Registration forwarded by the Principal, Christ Collge, Irinjalakuda.
 (3) Rules & Regulations for Ph.D. Programme, 2016.
 (4) U.O.No.DOR/B3/Ph.D/General/2011 dated 31-05-2012.
 (5) Memo No.177398/RESEARCH-B-ASST-2/2021/Admn dated 27.11.2021.

ORDER

As per papers read above, sanction has been accorded to grant registration to Ms.Vidya K Soman for pursuing Ph.D. Programme in Physics for a period of six years as a Full-time research scholar with effect from 29-11-2021 FN. The details of Supervising Teacher, Topic, Category, Mode of Research, etc., are given as under:

Name & Address of the Candidate	Ms.Vidya K Soman, W/o Nishad C.U, Charthamkudath House, Porathissery P.O. Irinjalakuda - 680125
Name & Address of the Guide	Dr.Sr.Reena Ittyachan, Associate Professor, Department of Physics, S.H.Chalaky, Thrissur (Guide) Dr. Fr. Jolly Andrews, Assistant Professor, Department of Physics, Christ College, Irinjalakuda (Co-guide)
Stream	Full-Time
Subject & Faculty	Physics, Science
Period	29-11-2021 to 28-11-2027
Topic	INVESTIGATION ON CRYSTAL STRUCTURE AND OPTICAL PROPERTIES OF MANGANESE DOPED ZIRCONIUM BASED NANOCRYSTALLINE DOUBLE PEROVSKITES FOR PHOTONICS APPLICATIONS
Centre	Department of Physics, Christ Collge, Irinjalakuda
Fellowship/Sponsorship	Nil

NB: The scholar shall attend the Research Centre and submit progress report with attendance details to this office once in every six months. The scholar is not exempted from the CW and PQE as per the new regulation for Ph.D. programme.

Orders are issued accordingly.

Suraj Kumar P.M

Assistant Registrar

To

Ms.Vidya K.Soman, W/o Nishad C.U, Charthamkudath House, Porathissery P.O. Irinjalakuda- 680125.

Copy To:

- (1) The Principal, Christ Collge, Irinjalakuda.
- (2) Dr. Sr. Reena Ittyachan, Associate Professor, Dept. of Physics, S.H.Chalaky, Thrissur (Guide).
- (3) Dr. Fr. Jolly Andrews, Asst. Professor, Dept. of Physics, Christ College, Irinjalakuda (Co-guide).
- (4) SF/FC.

Forwarded / By Order

Section Officer

Handwritten initials: R.V.V.