

MEMORANDUM OF UNDERSTANDING
DEPARTMENT OF PHYSICS UNION CHRISTIAN COLLEGE,
ALUVA
AND CENTRE OF EXCELLENCE IN ADVANCED
MATERIALS, COCHIN UNIVERSITY OF SCIENCE AND
TECHNOLOGY.

FOR THE DEVELOPMENT OF COOPERATION IN RESEARCH

The general understanding of the memorandum of understanding is to foster collaboration in research between the two departments. The Department of Physics Union Christian College and Centre of Excellence in Advanced materials, Cochin University of Science and Technology has agreed that in support of their mutual interest in scientific research that:

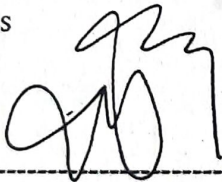
1. The two departments will:

- a) Cooperate in the exchange of information relating to activities in research
- b) Promote interaction of students and faculty for measurements and analysis
- c) Promote appropriate joint research proposals
- d) Promote joint research publications based on the results of collaborative research.

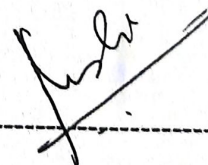
2. The aim of the Memorandum of understanding shall be to achieve a broad balance in the respective contributions and benefits of the collaboration and this shall be subjected to periodic review by both departments.

This agreement will take effect from the date of its signing and shall be valid for an unlimited period from that date unless sooner terminated revoked or modified by mutual written agreement between the two parties and may be extended by mutual written agreement. Either party may terminate the Agreement at any time during the term by the provision of three months written notice to the other party.

Signatures



Prof. M.K. Jayaraj
Hon. Director
Centre for Advanced Materials
Cochin University of Science and Technology,
Kochi 22



Dr. RESHMI R.
Assistant Professor
Dept of Physics
U C College, Aluva 2



UANL

UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN



FACULTAD DE INGENIERÍA MECÁNICA Y ELÉCTRICA

MEMORANDUM OF UNDERSTANDING

Department of Physics, Union Christian College, Aluva and Facultad De Ingeniería Mecánica y Eléctrica, Universidad Autónoma De Nuevo León, Av. Pedro De Alba S/N, Cd. Universitaria, San Nicolás De Los Garza, Nuevo León 66455, México

FOR THE DEVELOPMENT OF COOPERATION IN RESEARCH

The general understanding of the memorandum of understanding is to foster collaboration in research between the two departments. The Department of Physics, Union Christian College and Facultad De Ingeniería Mecánica y Eléctrica, Universidad Autónoma De Nuevo León, Av. Pedro De Alba S/N, Cd. Universitaria, San Nicolás De Los Garza, Nuevo León 66455, México has agreed in support of their mutual interest in scientific research that :

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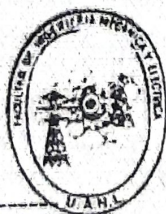
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Signatures

Name: --Dr. Sadasivan Shaji
Date: 16/Aug/2016...



PROGRAMA DOCTORAL
EN INGENIERIA DE MATERIALES

Signatures

Name: -Dr. Thomas Mathew
Date: 16/Aug/2016...
Principal
Union Christian College
ALUVA - 2

Pedro de Alba s/n, Ciudad Universitaria, C.P. 66451,
San Nicolás de los Garza, Nuevo León, México,
Conn.: 8329-4020, Fax: 8332-0904, www.fime.uanl.mx



Memorandum of Understanding Regarding Establishment and Running of PN Gopalakrishnan Pillai Memorial Endowment at the Department of Physics, Union Christian College, Aluva.

Purpose

1. The family of Late PN Gopalakrishnan Pillai of North, Paravur, intend to establish an Endowment in his name at the Department of Physics in Union Christian College (hereafter UC College or College) in Aluva. He had completed his B.Sc. Physics in 1948 and had worked as a Junior Lecturer in UC College for a couple of years. This Memorandum of Understanding (MoU) has been agreed between UC College, represented by the Manager of the College and the family of PNG Pillai, represented by his sons, Ajay Pillai and Vijay Pillai. The endowment to be called 'PN Gopalakrishnan Pillai Memorial Endowment' is intended to provide merit cum means scholarship to one M.Sc. Physics student each year and to help build up a library at the Department of Physics in UC College (as per details below).

The Endowment and Its Uses

2. The endowment will be established by a contribution being made by the family of PNG Pillai of an amount of Rs. 2 Lakhs. It will be held and managed by UC College as per existing practices for similar endowments that the College manages. The existing financial, fiduciary and audit arrangements of the College will apply to this endowment as well. The endowment amount will be held in interest earning bank accounts or other remunerative investments based on the College's decision and aligned with other endowments. The first payment from the Endowment is expected to be made in the academic year of 2018-19. The annual interest earned will be used as follows:
 - i. 40% of the amount to be given as scholarship every year. Currently, this amounts to Rs.6,800.
 - ii. 30% of the amount to be given to the Department of Physics with the intention of purchasing textbooks or, as appropriate, other digital resources for the library. Currently, this amounts to Rs.5,100.
 - iii. 30% of the amount] to be ploughed back into the capital amount. Currently, this amounts to Rs. 5,100.
3. The identification of the recipient of the merit cum means scholarship will be made by the Department of Physics as per current practices of the College. Each year, one student from M.Sc Physics First Year will be the recipient of the scholarship. The selection of books for the library or getting access to online resources will also be made by the Department of Physics. The Department Library, both textbooks and online resources, will be well-managed as per good practices of the UC college general library. The Department of Physics could sometimes decide to roll over the interest earned for textbooks / online resources to the next year in order to allow sufficient money for the intended purposes. However, the scholarship amount will be used every year.

Communication and Future Changes

4. The physics department will send an annual communication to the sons of PNG Pillai endorsed by the principal which will contain the name of the scholarship recipient for the year as well as

the titles of the books / online resources purchased for the Library. The book cover pages will contain a line to the effect: 'Contributed by the PN Gopalakrishnan Memorial Endowment'. Information on the Endowment will also be included in all relevant College public reports along with other similar endowments, including the Annual Report.

5. Any changes to the use of the proceeds will be agreed by both parties. The contributors may wish to replenish the capital amount of the endowment at a future date.

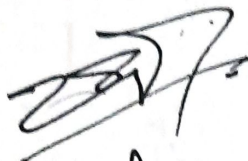
Signed by the Manager:
On behalf of UC College



MANAGER
UNION CHRISTIAN COLLEGE
ALUVA - 683 102



Ajay Pillai and Vijay Pillai



Addresses & signatures

6117 Robinwood Road
Bethesda, MD 20817
USA
Email: coolpillai@gmail.com

Dated: 24 July 2017



HOPE COLLEGE

DEPARTMENT OF PHYSICS

MEMORANDUM OF UNDERSTANDING
DEPARTMENT OF PHYSICS, UNION CHRISTIAN COLLEGE, ALUVA, INDIA
AND
DEPARTMENT OF PHYSICS, HOPE COLLEGE, MICHIGAN, USA
FOR THE DEVELOPMENT OF COOPERATION IN RESEARCH

The general objective of this Memorandum of Understanding (MOU) is to foster collaboration in research between the two departments. Thus, UNION CHRISTIAN COLLEGE and HOPE COLLEGE have agreed that in support of their mutual interests in scientific research that:

1. The two Departments will:
 - a) cooperate in the exchange of information relating to their activities in research;
 - b) promote appropriate joint research projects with particular emphasis on the use of the Hope Ion Beam Accelerator Laboratory;
 - c) endeavor to encourage students and staff to spend time on these collaborative research projects;
 - d) promote joint publications based on the results of the collaborative research.

2. The aim of the Memorandum of Understanding shall be to achieve a broad balance in the respective contributions and benefits of the collaboration, and this shall be subject to periodic review by both Physics Departments.

This agreement will take effect from the date of its signing and shall be valid for an unlimited period from that date unless sooner terminated, revoked, or modified by mutual written agreement between the two Parties, and may be extended by mutual written agreement. Either party may terminate the Agreement at any time during tile term by the provision of three months written notice to the other party.

SIGNATURES

Stephen Remillard
for Hope College Physics Department

Principal Dr. BENNY CHERIYAN
Union Christian College (printed name)
For Union Christian College Physics Department

May 1, 2013
Date

Date 01 - 05 - 2013