

കേരളം കേരल KERALA

DU 165744

## MEMORANDUM OF UNDERSTANDING (MoU)

Between

Providence Women's College Calicut, Kerala

And

St. Joseph's College, Devagiri (Autonomous), Kozhikode, Kerala

This Agreement is made on 10/10/2022 between the Providence Women's College Calicut, affiliated to University of Calicut, Kerala (hereinafter referred to as "PWC") as the first party and the St. Joseph's College, Devagiri (Autonomous), Kozhikode affiliated to University of Calicut, Kerala (hereinafter referred to as "SJC") as the second party.

No. 31775 Kerala Rs. 100  
Date 6.10.2022  
Name S.R.O. Chevayur  
Principal St. Joseph's college

03 OCT 2022

## **PURPOSE**

### **Whereas**

- a) About **PWC**
- b) **PWC** is desirous to associate with **SJC** on various areas as discussed in the Purview of this MoU, which will be mutually beneficial to both organizations.

### **Whereas**

- c) About **SJC**
- d) **SJC** is desirous to associate with **PWC** on various areas as discussed in the Purview of this MoU, which will be mutually beneficial to both organizations.

**That, relying on the principle of good faith, by virtue of which they will carry out all the possible actions for their due fulfillment,**

And relying also on their common bonds and concerns, they state their interest in strengthening their relationships through academic cooperation, and for this end they are of one accord in entering this MoU.

## **NOW THEREFORE THIS MEMORANDUM OF UNDERSTANDING WITNESSES AS FOLLOWS**

### **1. OBJECTIVE:**

- e) The parties agree that the objective of the present MoU is to establish a cooperation program in order to collaborate towards the formation of students, academics and researchers for the promotion and development of their respective areas of interest.

### **2. METHOD FOR ACHIEVING THE OBJECTIVES:**

- f) In order to achieve the aforementioned objectives, both parties, in mutual agreement, shall develop cooperation programs and projects that will specify the commitments each of them is to make for the performance of said programs.



### 3. AREAS OF CO-OPERATION:

- g) Whereas, PWC and SJC recognize that the academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation. As per the purpose of the said agreement, the two parties shall:
- i. *Research Collaborations:* Faculty / Researchers / Students of PWC and SJC can collaborate in future research projects that either involve working cooperatively with partner institutions and / or cover a research topic with national / international component. Activities include, but are not limited to, efforts toward developing proposals for collaborative research, co-authoring publication, conducting joint research projects, or establishing joint research centers etc.
  - ii. *Faculty Exchange with Partner Institutions:* Faculty members of PWC and SJC can travel between to participate in activities that can enhance their international / national experience and knowledge and also to foster relations between the parties. Activities include, but are not limited to, delivering lectures, teaching a course, taking a sabbatical, acquiring skills for institutional governance and developing collaborative research etc.
  - iii. *Student Exchange with Partner Institutions:* Students can be given an opportunity to travel among parties to participate in activities / events that will enhance their intercultural experience and knowledge.
  - iv. *Promotion of integrated studies for related studies:* The parties can look at integrating an interdisciplinary dimension into their teaching, research, and service functions of the university which would enable the students understanding on a wide perspective.
  - v. Cooperate in the exchange of information relating to their activities in teaching and research in fields of mutual interests; sharing best practices adopted by each parties; sharing of e-content between the parties; access to library and repository services, if possible.

- vi. Conduct skill enhancement programmes, participation in seminars and academic meetings, assistance in internships and also other academic activities the parties will find desirable.

#### **4. FUNDING:**

- h) Expenses for airfare, transportation, room and board and personal expenses of exchange students, teachers or officers shall be covered by each individual. Students will pay their registration, courses or professional practices at their home university, so that they can be recognized afterwards.
- i) Students, interns and officers shall be responsible for requesting and obtaining lodging by inquiring with the university, which shall provide every help necessary for them to obtain safe, convenient lodging arrangements.
- j) Financial expenses for (term visits) internships of professors and researchers, which will be arranged at the parties' request, as well as travel expenses, shall be covered by the requesting institution. No fees will be paid, as the assumption is that the professors / researchers remain in their positions at their home institution, which will continue to pay their salaries.

#### **5. NO EMPLOYMENT RELATIONSHIP:**

- k) The parties agree that this Agreement shall not be construed in any manner as establishing any kind of partnership or bond of a labor nature between them. Thus, in all activities stemming from the present MoU and from subsequent specific action plans, the parties are in the understanding that, in all cases, employment relationships shall remain in force between the employing institution and its respective personnel.

#### **6. AUTONOMY:**

- l) This agreement is a statement of intentions and does not involve, in any instance whatsoever, any financial obligations between the subscribing institutions.

## 7. TERM:

- m) This MOU shall be effective for a period of five (5) years from the date of execution of this agreement, and shall be automatically renewed thereafter for another five (5) years unless a written notice to terminate or amend this agreement is given to the other party six (6) months in advance.
- n) It is expressly agreed that neither party shall be liable for damages that they might cause each other as a result of a **forceful suspension** of a collaboration program. Causes for forceful suspension must be explicitly set forth in the action plans.

## 8. CONFLICT RESOLUTION:

- o) Any dispute resulting from the interpretation or application of this Agreement shall be settled through direct negotiation and **common agreement** by the persons delegated to such end by each university / Institution. Either party may propose to the other a modification of the Agreement at any time in writing.

## 9. ACTION PLANS:

- p) Every work program or specific activity that is agreed upon between both institutions shall be defined through an action plan, which shall be under the responsibility of two individuals, appointed respectively by each university / Institution.

## 10. CONFIDENTIALITY:

- q) Each of the parties accepts and declares that every information from the other party is of a confidential nature, is the exclusive property of the latter and has been or will be disclosed to the former solely with the purpose of enabling the full accomplishment of the present Agreement. For this reason, every piece of information provided by one party to the other before signing this Agreement and/or during its performance must be kept confidential and therefore may not be disclosed to any third parties.



**11. AMENDMENTS:**

- r) The parties may amend or amplify this Agreement through agreements in writing to that effect. Said amendments or additions will be binding on the signatories as of the date of their signature. The parties may not assign, in whole or in part, the performance of the present MoU to any third party, except through prior and express authorization in writing by both of them.

And since both parties are in agreement regarding the content of the present document, and as a token of conformity, we sign it in two counterparts, both of which will be considered originals.

Dr. Sr. Jaseena Joseph  
Principal (PEN 470173)  
Providence Women's College  
Kozhikode - 673 009  
Calicut

Dr. BOBY JOSE  
PRINCIPAL, Pen No: 469214  
St. Joseph's College (Autonomous)  
Devagiri, Calicut - 8, Kerala  
Dr. Boby Jose  
Principal  
St. Joseph's College, Devagiri (Autonomous)  
Kozhikode

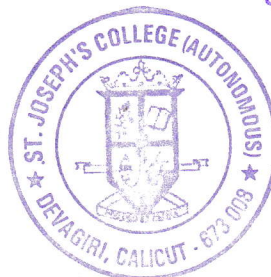
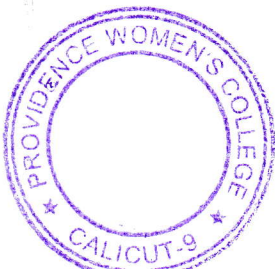
**Witnesses**

Name of the Representative Dr Minoo Divakaran  
Designation IQAC Coordinator,  
Institution Name Providence Women's College  
Kozhikode.

**Dr. Minoo Divakaran**  
Director  
Internal Quality Assurance Cell  
Providence Women's College  
Kozhikode - 673 009, Kerala

Name of the Representative FR. ANTO N.J  
Designation Vice Principal  
Institution Name St. Joseph's College,  
Devagiri

**FR. ANTO N.J.**  
VICE PRINCIPAL  
St. Joseph's College (Autonomous)  
Devagiri, Calicut - 673 008





**PROVIDENCE WOMEN'S COLLEGE**

**COLLEGE WITH POTENTIAL FOR EXCELLENCE**

**Re-Accredited with grade A<sup>+</sup> by NAAC**

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**PROOF OF ACTIVITY UNDER MOU**

## REPORT OF ACTIVITY UNDER MOU

Ms. Gopika V M and Ms. Keerthana M S (4sem MSc Botany 2021-22) had utilized the laboratory facility at the department of Botany, St. Joseph's College Devagiri during the period March – May 2022, as a part of their dissertation work of the MSc Botany. This was held as a part of the collaboration between St. Joseph's College Devagiri and Providence Women's College Kozhikode. The work was guided by Sr. Pilty Peter A, Assistant Professor, Dept. of Botany. The title of the work was 'Assessing the phytoremediation potential of *Acanthus ilicifolius* L towards nickel and chromium stress with a note on morphological and biochemical parameters at Maghunithode, Kozhikode' (done by Ms. Gopika VM) and 'Assessing the phytoremediation potential of *Acanthus ilicifolius* L towards nickel and chromium stress with a note on physiological and anatomical parameters at Maghunithode, Kozhikode'(done by Ms. Keerthana MS). A portion of the work which require fume hood was done at St. Joseph's College Devagiri, under the supervision of Dr. Delse P Sebastian, Assistant Professor, St. Joseph's College Devagiri. Ms.Akshaya, research scholar also helped for completing the work in a successful manner.



ASSESSING THE PHYTOREMEDIATION POTENTIAL OF  
*ACANTHUS ILICIFOLIUS* L. TOWARDS NICKEL AND CHROMIUM  
STRESS, WITH A NOTE ON MORPHOLOGICAL AND  
BIOCHEMICAL PARAMETERS AT MAGHUNITHODU,  
KOZHIKODE.

Dissertation submitted in partial fulfilment of  
the requirements for the Degree of

MASTER OF SCIENCE  
IN  
BOTANY

by

GOPIKA V M

PWAUMBT008



DEPARTMENT OF BOTANY  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE - 673009, KERALA  
MARCH 2022

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PWAUMBT009




DEPARTMENT OF BOTANY  
PROVIDENCE WOMEN'S COLLEGE  
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MARCH 2022



  
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