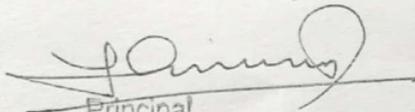


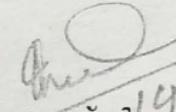
ധാരണാപത്രം

കേരള ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ടും ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളെജിലെ മലയാളവിഭാഗവും അക്കാദമിക മേഖലകളിൽ നാലു വർഷത്തേക്ക് സംയുക്തമായി പ്രവർത്തിക്കാൻ തീരുമാനിച്ചിരിക്കുന്നു. അക്കാദമിക സെമിനാറുകൾ, ശില്പശാലകൾ, പുസ്തകപ്രകാശനങ്ങൾ, പുസ്തകപ്രദർശനങ്ങൾ എന്നിവയിലായിരിക്കും കൂട്ടായ പ്രവർത്തനം നിർവ്വഹിക്കുന്നത്. പ്രസ്തുത പരിപാടികളിലേയ്ക്കുള്ള ബ്രോഷർ, ബാനർ, ഓണറേറിയം എന്നിവയുടെ ചെലവ് ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ടും ആഹാരം, താമസം, വാഹനസൗകര്യം എന്നിവയുടെ ചെലവ് ആലുവ യു.സി.കോളെജും വഹിക്കുന്നതാണ്. ഇൻസ്റ്റിറ്റ്യൂട്ടിന് ചുമതലയുള്ള ചെലവുകളെ സംബന്ധിച്ച എസ്റ്റിമേറ്റ് ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട് തയ്യാറാക്കുന്നതായിരിക്കും.

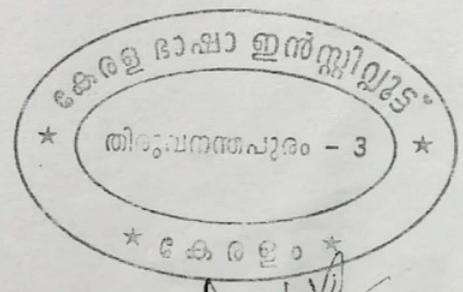

Principal
Union Christian College
ALUVA - 2

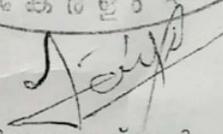
യൂണിയൻ ക്രിസ്ത്യൻ കോളെജ്
ആലുവ

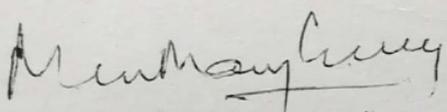



ഡയറക്ടർ
19/7/17

കേരള ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട്




എൻ.ജയകൃഷ്ണൻ
റിസർച്ച് ഓഫീസർ (മലയാളം)
കേരള ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട്


ഡോ. മ്യൂസ് മേരി ജോർജ്ജ്
എച്ച്.ഒ.ഡി, മലയാള വിഭാഗം
യു.സി.കോളെജ്, ആലുവ



MoU Between Kerala Bhasha Institute and Malayalam Department, Union Christian College, Aluva

Kerala Bhasha Institute and Malayalam department, UC College, Aluva have come to an agreement to work jointly in the academic fields for four years since the date of signing the agreement. Academic activities include seminars, workshops, book release functions, book exhibitions etc. The expenses for brochure, banner and honourarium would be met by the Bhasha Institute and the expenses for food, stay and travel would be met by UC College, Aluva. The estimate for the expenses by the Institute would be prepared by the Institute itself.



Collaboration Between Kerala Bhasha Institute and Department of Malayalam, Union Christian College

The Collaboration between Kerala Bhasha institute and department of Malayalam was signed on 14-07-2017 for four years with an objective of conducting joint seminars, workshops, book exhibitions and book releases. The **Kerala Bhasha Institute** is an academic publishing house in India that was established on 11 March 1968. It is located in Thiruvananthapuram in Kerala. It publishes books on science and technology, the arts, literature, folklore and information technology. In addition to book publication, the institute also runs translation camps, book festivals, computer training and seminars.

Report of the activities and proof

Activity 1

Department of Malayalam in collaboration with Kerala Bhasha Institute organized a seminar in memory of K. Saraswathiyamma on 7th August 2019. Smt. Gracy (story writer) inaugurated the function and Shri. Kalpetta Narayanan(writer), Shri. N. Jayakrishnan (Asst. Director, Kerala Basha Institute) and Dr. Muse Mary George delivered lectures in this programme.





Activity 2

Two Day Seminar named “Kuttipuzha Darsanavum Vimarsanavum” in memory of famous writer Kuttipuzha Krishnapilla was held in January 2020 in collaboration with Kerala Bhasha Institute. Dr. K.P. Mohanan (Secretary, Kerala Sahitya Akademi) inaugurated the Programme. Dr. C.J Roy (Rtd. Professor, Madura Kamaraj University), Dr. P. Geetha (Writer and social activist), Dr. P. Pavithran (Professor of Malayalam Dept. in Sanskrit University Kalady, Dr. K.M. Anil (Director, Thunchath Ezhuthachan Malayalam University), Shri N. Jayakrishnan (Asst. Director, Kerala Bhasha Institute), Dr. Mini Alice, Dr.V.P. Markose, Dr. Muse Mary George delivered lectures in this programme. Prof. M. N. Karasseri ((Rtd. Professor Calicut University, writer and critic) was the chief guest in the closing session.



Outcome of the Activities

Students benefitted from day long seminars which saw the participation and speeches of acclaimed writers of Kerala.



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UNION CHRISTIAN COLLEGE, ALUVA

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

Reaccredited with 'A' Grade by NAAC (IV cycle)

Aluva - 683 102, Ernakulam Dist., Kerala. Ph: +91 484 2609194, 8281811703

Email: ucc@uccollege.edu.in Website: www.uccollege.edu.in



RESEARCH COLLABORATION

Between

Department of Applied Chemistry, Cochin University of Science and Technology (CUSAT),

Cochin-22 &

Department of Chemistry, Union Christian College, Aluva

This document constitutes an agreement between *Department of Chemistry, Union Christian College, Aluva* and *Department of Applied Chemistry, Cochin University of Science and Technology (CUSAT), Cochin-22*, on 06/01/2019.

1. Objective: The objective of this collaboration is to express the willingness of both parties to engage in an effort to promote collaborative research activities in the following areas: Faculty exchange, Student exchange, Collaborative Seminars/Workshops, Sharing of resources, Collaborative research, Consultancy development, Faculty development, Curriculum development, Innovative teaching practice, Joined extension activities

2. General Terms of Collaboration

2.1 Duration of Collaboration: This COLLABORATION shall be operational upon signing and will have an initial duration of one year. All activities conducted before this date within the vision of the joint collaboration will be deemed to fall under this COLLABORATION.

2.2 Coordination: In order to carry out and fulfill the aims of this agreement, each party will appoint an appropriate person(s) to represent its organization and to coordinate the implementation of activities.

2.3 Financial implications There is no financial cost involved in this Collaboration from both the parties.

2.4 Confidentiality: Each party agrees that it shall not, at any time, after executing the activities of this Collaboration, disclose any information in relation to these activities.

2.5 Termination of Collaboration: The partnership covered by this Collaboration shall terminate upon completion of the agreed upon period. The agreement may also be terminated with a written one month notice from either side. In the event of non-compliance or breach by one of the parties of the obligations binding upon it, the other party may terminate the agreement with immediate effect.

2.6 Extension of Agreement: The Collaboration may be extended provided the parties agree upon, and can provide the necessary resources.

2.7 Communications: All notice, demands and other communication under this agreement in connection herewith shall be sent to the last known address, e-mail, or fax of the concerned party. Any notice shall be effective from the date on which it reaches the other party.

2.8 Addendum: Any Addendum to this Collaboration shall be in writing and signed by both parties.

Both parties assume that this agreement does not go against the rules and regulations of the Government policies. The terms and provisions in this Collaboration also apply to any subsequent Addendum to this agreement. IN WITNESS WHEREOF, the parties hereto have executed this Collaboration on the day of 06/01/2019.



Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva



Lees

Assistant Professor
Department of Applied Chemistry
Cochin University of
Science and Technology
Cochin - 682 022, Kerala

COLLABORATION BETWEEN DEPARTMENT OF APPLIED CHEMISTRY,
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY (CUSAT) AND
DEPARTMENT OF CHEMISTRY, UNION CHRISTIAN COLLEGE, ALUVA.

Name of Activity: Project Work

Year: 2019-2020

Brief Report:

The collaboration with Research Department of Applied Chemistry, CUSAT and Department of Chemistry, Union Christian College, Aluva was for the promotion of project.

Sl. No	Project Title	Student name	Register number	Name of institution where project was done	Name of project supervisors
1.	Porphyrin based Fluorescent Sensor for Purine Base Nucleotides	Ms. Agnes Divya Jose	180011011110	CUSAT	Dr. Leena R and Dr. Ajalesh B Nair



Leena
Dr. LEENA R.
Assistant Professor
Department of Applied Chemistry
Cochin University of
Science and Technology
Kochi - 682 022, Kerala



Research Collaboration Between Department of Chemistry, Union Christian College, Aluva and Department of Applied Chemistry, Cochin University of Science and Technology

The research collaboration agreement between Department of Chemistry, Union Christian College, Aluva and Department of Applied Chemistry, Cochin University of Science and Technology (CUSAT), was signed on 06/01/2019 with an objective to engage in an effort to promote collaborative research activities in the following areas: Faculty exchange, Student exchange, Collaborative Seminars/Workshops, sharing of resources, Collaborative research, Consultancy development, Faculty development, Curriculum development, Innovative teaching practice and Joined extension activities. The collaboration was for one year.

Report of activity and proof

The collaboration with Research Department of Applied Chemistry, CUSAT and Department of Chemistry, UCC was for the promotion of the project titled Porphyrin based Fluorescent Sensor Purine Nucleotides. Ms. Agnes Divya Jose from Department of Chemistry, UCC carried out the study. A letter of certificate issued to this student is provided as the proof of the activity.

**COLLABORATION BETWEEN DEPARTMENT OF APPLIED CHEMISTRY,
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY (CUSAT) AND
DEPARTMENT OF CHEMISTRY, UNION CHRISTIAN COLLEGE, ALUVA.**

Name of Activity: Project Work
Year: 2019-2020

Brief Report:
The collaboration with Research Department of Applied Chemistry, CUSAT and Department of Chemistry, Union Christian College, Aluva was for the promotion of project.

Sl. No	Project Title	Student name	Register number	Name of institution where project was done	Name of supervisors
1.	Porphyrin based Fluorescent Sensor for Purine Base Nucleotides	Ms. Agnes Divya Jose	180011011110	CUSAT	Dr. Leena R and Dr. Ajalesh B Nair




Outcome of the activity

Ms. Agnes Divya Jose from Department of Chemistry, UCC benefitted from exposure to latest technology and expert guidance from CUSAT, a nationally reputed institution



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Email: ucc@uccollege.edu.in Website: www.uccollege.edu.in



RESEARCH COLLABORATION

Between

*International School of Photonics, Cochin University of Science and Technology (CUSAT),
Cochin-22 &*

Department of Chemistry, Union Christian College, Aluva

This document constitutes an agreement between *Department of Chemistry, Union Christian College, Aluva* and *International School of Photonics, Cochin University of Science and Technology (CUSAT), Cochin-22*, on 07/02/2020.

1. Objective: The objective of this collaboration is to express the willingness of both parties to engage in an effort to promote collaborative research activities in the following areas: Faculty exchange, Student exchange, Collaborative Seminars/Workshops, Sharing of resources, Collaborative research, Consultancy development, Faculty development, Curriculum development, Innovative teaching practice, Joined extension activities

2. General Terms of Collaboration

2.1 Duration of Collaboration: This COLLABORATION shall be operational upon signing and will have an initial duration of one year. All activities conducted before this date within the vision of the joint collaboration will be deemed to fall under this COLLABORATION.

2.2 Coordination: In order to carry out and fulfill the aims of this agreement, each party will appoint an appropriate person(s) to represent its organization and to coordinate the implementation of activities.

2.3 Financial implications There is no financial cost involved in this Collaboration from both the parties.

2.4 Confidentiality: Each party agrees that it shall not, at any time, after executing the activities of this Collaboration, disclose any information in relation to these activities.

2.5 Termination of Collaboration: The partnership covered by this Collaboration shall terminate upon completion of the agreed upon period. The agreement may also be terminated with a written one month notice from either side. In the event of non-compliance or breach by one of the parties of the obligations binding upon it, the other party may terminate the agreement with immediate effect.

2.6 Extension of Agreement: The Collaboration may be extended provided the parties agree upon, and can provide the necessary resources.

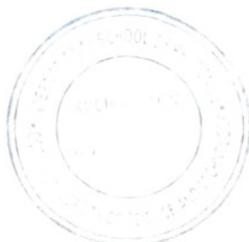
2.7 Communications: All notice, demands and other communication under this agreement in connection herewith shall be sent to the last known address, e-mail, or fax of the concerned party. Any notice shall be effective from the date on which it reaches the other party.

2.8 Addendum: Any Addendum to this Collaboration shall be in writing and signed by both parties.

Both parties assume that this agreement does not go against the rules and regulations of the Government policies. The terms and provisions in this Collaboration also apply to any subsequent Addendum to this agreement. IN WITNESS WHEREOF, the parties hereto have executed this Collaboration on the day of 07/02/2020.




Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva




18/5/2020
Dr. M. Kailasnath
Dean, Faculty of Technology
Professor, International School of Photonics
Cochin University of Science and Technology
Cochin - 682022

**Collaboration between International School of Photonics, Cochin University
of Science and Technology, Kochi and Department of Chemistry,
Union Christian College, Aluva**

Name of Activity: Project work

Year 2020-2021

Brief Report

The Collaboration with Department of Chemistry, Union Christian College, Aluva and International School of Photonics, Cochin University of Science and Technology, Kochi was for the promotion of Project.

Sl. No	Project Title	Student Name	Register Number	Name of Institution where project was done
1.	Synthesis of Graphene Quantum Dot and Investigating its Concentration Dependent Thermal Diffusivity Using Thermal Lens Technique	Ms. Divya Benny	190011010435	International School of Photonics, Cochin University of Science and Technology, Kochi
2.	Synthesis of Graphene Quantum Dot and Investigating its Solvent Dependent Thermal Diffusivity Using Thermal Lens Technique	Ms. Manasa K.P	190011010438	International School of Photonics, Cochin University of Science and Technology, Kochi



Dr.M Kailasnath
Professor
International School of Photonics
Cochin University of Science and Technology
Kochi



Dr. M. Kailasnath
Dean, Faculty of Technology
Professor, International School of Photonics
Cochin University of Science and Technology
Cochin - 682022



Research Collaboration Between International School of Photonics, Cochin University of Science and Technology and Department of Chemistry, Union Christian College

The research collaboration between International School of Photonics, Cochin University of Science and Technology and Department of Chemistry, Union Christian College was signed on 07/02/2020 with an objective of promoting academic partnership and research activities in the following areas: Faculty exchange, Student exchange, Collaborative Seminars/Workshops, Sharing of resources, Collaborative research. The collaboration has an initial duration of one year.

Report of the activity and Proof

The activity carried out under this collaboration was for the promotion of the Project titled Synthesis of Graphene Quantum Dot and Investigating its Concentration Dependent Thermal Diffusivity Using Thermal Lens Technique. Two students carried out the project. As proof, the certificate of the activity issued by the School of Photonics is attached.



Outcome of the Activity

Two students who carried out the project received research training and exposure from a nationally reputed research organization.



Ph. : 0484 - 2760238
Fax : 0484 - 2763908

ST. PETER'S COLLEGE, KOLENCHERY

ERNAKULAM DIST., KERALA, INDIA - 682 311

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala, India)

Accredited by the National Assessment and Accreditation Council of U.G.C. with 'A' Grade

No. 17/AA/2023

PRINCIPAL

LETTER OF COLLABORATION FOR OTHER ACADEMIC ACTIVITIES OF KNOWLEDGE ENHANCEMENT & CAPACITY BUILDING

Between

St. Peter's College
Kolenchery, Ernakulam- 682311
And

Union Christian College
Aluva, Ernakulam-683102

This LETTER OF COLLABORATION is established between St. Peter's College, Kolenchery, Ernakulam-682311, Kerala and Union Christian College, Aluva, Ernakulam-683102, Kerala to foster cooperation towards achieving knowledge enhancement and capacity building through education.

1. Both parties, subject to mutual consent, agree to encourage the following activities, particularly, to promote collaboration in
 - a) conducting mutually beneficial training programmes on, including but not limited to, intellectual property rights and political science through short term courses, invited talks, workshops etc.
 - b) exploring avenues of academic partnership in student and faculty exchange, research and publication on any relevant subject in political science.
 - c) any other scope of work, which may be beneficial for both institutions.
2. This Letter of Collaboration constitutes the entire agreement between the parties, and all prior discussions, agreements and understandings, whether verbal or in writing, are merged in this agreement.
3. This Letter of Collaboration is not considered to be a contract creating any legal and/or financial obligations between the parties. It is executed to facilitate a genuine mutually beneficial academic environment for knowledge enhancement and capacity building, and so forth.



Ph. : 0484 - 2760238
Fax : 0484 - 2763908

ST. PETER'S COLLEGE, KOLENCHERY

ERNAKULAM DIST., KERALA, INDIA - 682 311

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala, India)

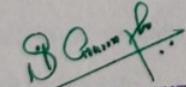
Accredited by the National Assessment and Accreditation Council of U.G.C. with 'A' Grade

PRINCIPAL

4. This Letter of Collaboration assumes no financial obligations on both Parties.
5. This Letter of Collaboration shall come to effect on the date of signing and will remain in effect for a period of one year.
6. This Letter of Collaboration may be renewed or amended as may be agreed upon in writing by the Parties. If not renewed, this collaboration will expire at the end of the specified time period, or after activities in progress have concluded.
7. This Letter of Collaboration may be terminated by either Party with a minimum of one month notice.
8. Each Party shall designate a member of faculty to serve as liaison for implementing this Letter of Collaboration. For St. Peter's College, the contact person will be Dr. Basil B Mathew, Assistant Professor & Head, Department of Political Science, St. Peter's College, Kolenchery, and for Union Christian College, the contact person will be Dr. Geethika G, Assistant Professor in Political Science, Department of Economics, Union Christian College, Aluva.

Principal

Signing for


DR. SHAJU VARGHESE
PRINCIPAL (I/c)
ST. PETER'S COLLEGE, KOLENCHERY
PEN-467230

St. Peter's College, Kolenchery

Ernakulam-682311



Kolenchery
25.04.2023

Principal

Signing for


Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva

Union Christian College, Aluva

Ernakulam, 683102





Collaboration of Union Christian College (Department of Economics) With St. Peters College (Department of Political Science)

A letter of collaboration was signed between St Peter's College, Kolenchery and Union Christian College, Department of Economics on 24-04-2023 to foster co-operation towards achieving knowledge enhancement and capacity building. In association with the Department of Political Science, the Department of Economics will be conducting mutually beneficial training programs and short term courses.

Report of the activity and Proof

The activity carried out under this collaboration is the conducting of a certificate course on **Intellectual Property Rights: An overview**. The MOODLE platform of Department of Political Science, St. Peters College, Kolenchery was used to carry out the course. The course introduced the students to the basics of IPR and its problems and prospects. As proof, the brochure of the program, list of students who studied the certificate course and the certificate given to the students are presented.

UNION CHRISTIAN COLLEGE, ALUVA
DEPARTMENT OF ECONOMICS



OFFERS CERTIFICATE COURSES ON

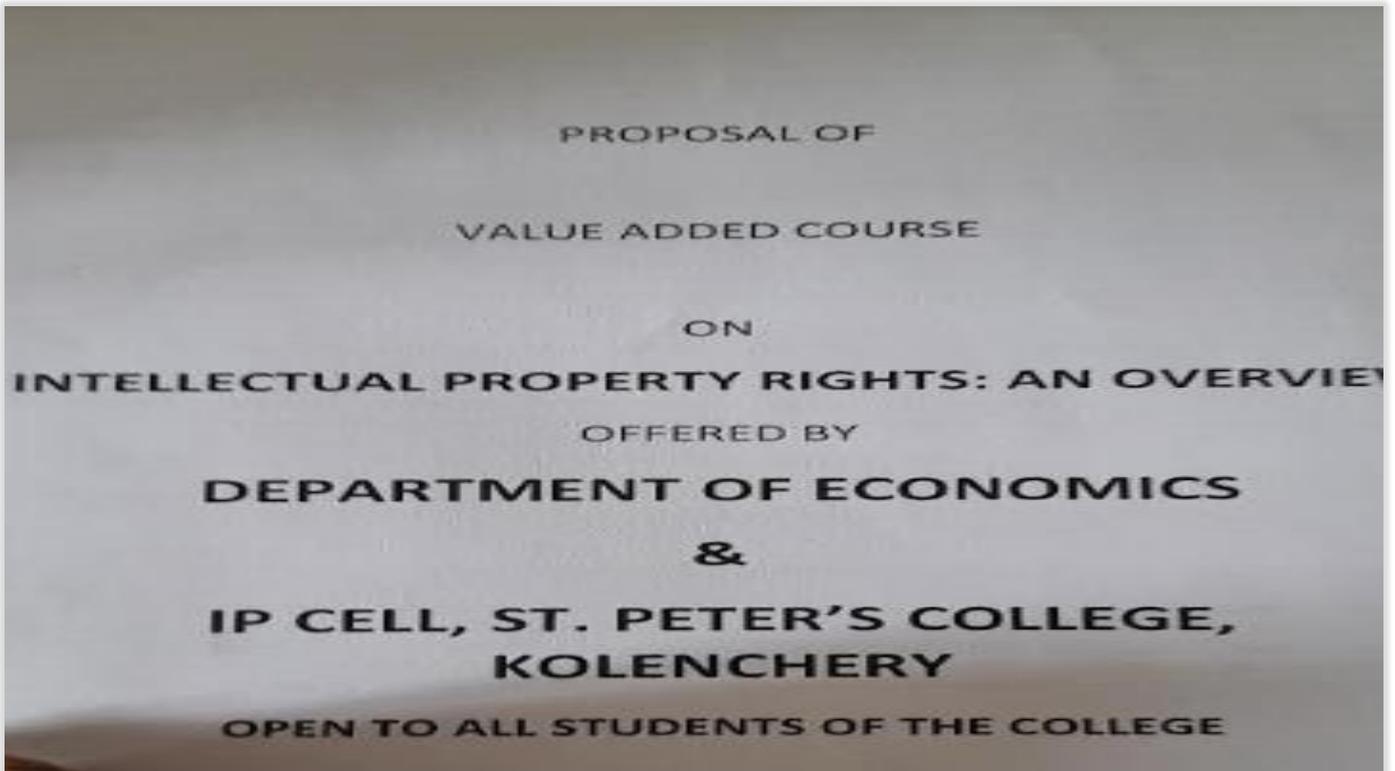
- 1. Young Entrepreneurship**
(Learn to change fundamental business concepts to thriving businesses)
Faculty coordinators- Ms. Liji Lawrence - 9633380851 &
Ms. Rajalakshmi R - 9497187060
- 2. Indian Constitution & Citizen's Rights**
(Know your Constitution to know your Rights)
Faculty coordinator- Dr. Geethika G - 9846943943
- 3. Intellectual Property Rights: An Overview**
(Learn the basics of IPR, it's problems and prospects)
Faculty coordinators- Dr. Basil B Mathew (St. Peter's College, Kolenchery),
Dr. Geethika G - 9846943943



Eligibility: All PG & UG students
Course Duration: 25 April 2023 to 15 May 2023 (30 hours)
Course delivery mode: Hybrid (online lectures and field visits/interactions)
Certificate fee: Rs. 100/-

Last date of registration: 24 April 2023

For more details on the courses please visit
<https://economics.uccollege.edu.in/>





I. Introduction

The new IPR regime established by the WTO TRIPS Agreement has generated immense interest among academic and industrial circles. Central to the debates and discourses on the intellectual property protection mechanism and its implications on various aspects of life, has been the level of protection sought/contested on the rights rendered in recognition of the intellectual input/creativity underlying and invention or an artistic expression. The increasing significance of the subject has made it imperative to encourage the Under-graduate and Post-graduate students to acquire knowledge about it. With this view, this Short term Certificate Course on Intellectual Property Rights aims to help students understand the nature, scope and implications of patents, copyrights, trademarks and geographical indications.

II. Objectives

- To bring innovation and excellence in teaching and research, promote interdisciplinary approach.
- To generate critical awareness among students, teachers and the younger generation on the correlation between technology and society.
- To promote a high degree of awareness on intellectual property rights in general and in particular patents, trademarks, copyright, traditional knowledge and geographical indications which have become crucial concerns to society at the local, regional, national and international milieu.
- To give a direction to identify issues and concerns at local/regional/global problems vis-à-vis IP management, through training of the required human resources.

III. Syllabus

Module 1- History of Intellectual Property Rights (10 Hours)

Genesis and growth- Theoretical framework of IPR- Early conventions- WTO, TRIPS and new global Regimes

Module 2- Types of Intellectual Property Rights (10 Hours)

Copyrights- Patents- Geographical indications- Trademarks- Industrial designs

Module 3- IPR and India: Historical overview (10 Hours)

IPR Regulations in India- India and its Patent Act- India and TRIPS

IV. Course Details

Eligibility: The course is open to all Undergraduate and Postgraduate students of the College

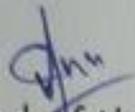
Duration: 30 Hours (3 weeks)

Method of Instruction & Assessment: Hybrid mode-Enrolled students can access the video lectures in the course page on MOODLE LMS Platform. Contact classes via online or offline mode will be arranged once a week to clear doubts. Students are expected to participate in the discussion forum and submit simple assignments/quizzes every week to complete the course. Students will be eligible to receive the course certificate upon successfully clearing the final examination.

The College will provide the 'Course Completion Certificate' to students who successfully complete the course. A fee of Rs. 100 will be charged for certificates.

VI. Faculty-in-charge: Dr. G. Geethika, Assistant Professor in Political Science, Dept of Economics, Union Christian College, Aluva. And

Dr. Basil B. Mathew, Assistant Professor, Dept of Political Science, St. Peter's College, Kolenchery


Head of the Department

Dr. Anna George
Head of the Department
Department of Economics
Union Christian College, Aluva, Kerala



Attendance

Sl.No.	Name of Student	Attendance %
1.	Akshaya A	100
2.	Alfred Mathews P Reji	100
3.	Amala Baby	83
4.	Anamika Salm	100
5.	Aneetta Roy	69
6.	Angel Thomas	73
7.	Angelene Mathew	87
8.	Aparna A	87
9.	Brigit Benny	73
10.	Chithranjali.E	75
11.	Dhanasree K J	100
12.	Fathima mehjabin	63
13.	FATHIMA SAJMI	76
14.	Irine Mariam Mani	96.43
15.	ISRA MI	100
16.	Jibin Joy	100
17.	K G Jills	84
18.	Misna.V.M	100
19.	Nandana Reji	100
20.	Priyadatha MK	79



21.	Risvi Chatterji	64
22.	ROJA P V	77
23.	S Silpa Das	87
24.	Sneha Dixon	100
25.	Sreedurga.A	100
26.	Sreejaya pc	69

Outcome of the Activity

The Course was attended by 26 students. The course gave them a good understanding of Intellectual Property Rights, which is a very important subject in the current times. Also the students pass out with an additional value added course as they complete their graduation.



Celebrating 100 Years of Meritorious Service

UNION CHRISTIAN COLLEGE, ALUVA

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

Reaccredited with 'A' Grade by NAAC (IV cycle)

Aluva - 683 102, Ernakulam Dist., Kerala. Ph: +91 484 2609194, 8281811703

Email: ucc@uccollege.edu.in Website: www.uccollege.edu.in



LETTER OF COLLABORATION

between

Union Christian College, Aluva

[Department of Economics]

Ernakulam District, Kerala, India 683102

and

St. Peters College, Kolenchery

[Institution's Innovation Council (IIC) & The Innovation and Entrepreneurship Development Centre's (IEDC)]

Ernakulam, District, Kerala, India 682311

Union Christian College's Department of Economics, Aluva, Ernakulam District, Kerala, India and St. Peter's College, Kolenchery's Institution's Innovation Council (IIC) & The Innovation and Entrepreneurship Development Centre's (IEDC) establish this letter of collaboration to foster cooperation in educational activities in the following areas:

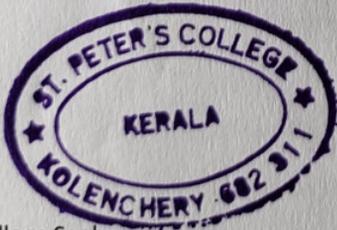
1. Both parties, subject to mutual consent, agree to encourage the following activities, particularly, to promote collaboration in
 - a) conducting mutually beneficial training programmes on, including but not limited to, innovation and entrepreneurship through short term courses, invited talks, workshops etc.
 - b) Exchange of faculty and students to explore various avenues of academic partnership.
 - c) Other technical assistance beneficial to both the institutions.
2. This Letter of Linkage constitutes the entire agreement between the parties, and all prior discussions, agreements and understandings, whether verbal or in writing, are merged in this agreement.
3. This Letter of Linkage is not considered to be a contract creating any legal and/or financial obligations between the parties. It is executed to facilitate a genuine mutually beneficial academic environment for knowledge enhancement and capacity building.

08/08/2023 11:47

4. This Letter of Linkage assumes no financial obligations on both parties.
5. This Letter of Linkage shall come to effect on the date of signing and will remain in effect for a period of one year.
6. This Letter of Linkage may be renewed or amended as may be agreed upon in writing by the parties. If not renewed, this collaboration will expire at the end of the specified time period, or after activities in progress have concluded.
7. This Letter of Linkage may be terminated by either party with a minimum of one month notice.
8. Each Party shall designate a member of faculty to serve as liaison for implementing this Letter of Linkage. For St. Peter's College, the contact person will be Dr.Renu Susan Samuel, Assistant Professor, Department of Economics, SPC-IIC President, Assistant Nodal Officer of IEDC. For Union Christian College, the contact person will be Smt. Liji Lawrence, Assistant Professor, Department of Economics.

Head of the Institution
Dr.Shaju Varghese
Signing for
St. Peter's College, Kolenchery
Ernakulam-682311

24-04-2023



College Seal
Date of Signature:

Head of the Institution
Dr. M.I.Punnoose
Signing for
Union Christian College, Aluva
Ernakulam, 683102

Dr. M. I. Punnoose
Head in Charge
Union Christian College Aluva



College Seal



Report of the Collaboration of Union Christian College, (Department of Economics) With IEDC, St. Peters College.

A letter of collaboration was signed by Union Christian College, Department of Economics with IEDC St Peter's College, Kolenchery on 24-04-2023 to foster co-operation towards achieving knowledge enhancement and capacity building. The Innovation and Entrepreneurship Development Centres (IEDC) are platforms set up in Engineering, Management, Arts & Science Colleges, Medical Institutions, Polytechnics and Universities with an aim to provide students with an opportunity to experiment and innovate. A letter of Collaboration was signed with IEDC, St. Peters College for carrying out joint seminars and other academic activities.

Report and Proof of the activity

As part of the collaboration, four webinars were organised. The following were the talks conducted under the collaboration

1. Meet the Entrepreneurs- The key speakers were Smt. Priya Girish and Smt. Deepa Surendrakumar, CEO and Managers of Zita Collections on 11th May 2023
2. Journey of an Entrepreneur- A webinar by Dr. Biju Kumar R was organised on May 2, 2023.
3. Legal and Ethical steps in entrepreneurship by Dr. P. Prasanth, was conducted on 28.04. 2023.
4. The department of Economics, Union Christian College launched a Value added course on Young Entrepreneurship with a lecture by Dr Renu Susan Samuel, Professor at St Peters College and IIC President, Nodal officer of IEDC on 25 April 2023.



Session on 28.05.2023



Union Christian College, Aluva, India
Affiliated to Mahatma Gandhi University, Kottayam, India
NAAC Re-Accredited with A Grade in 4th Cycle



ST. PETER'S COLLEGE
KOLENCHERY
Affiliated to MG University, Kottayam



DEPARTMENT OF ECONOMICS



**INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE**



**INSTITUTION'S
INNOVATION
COUNCIL**

JOINTLY ORGANISES A SESSION ON

HOW TO PLAN FOR STARTUP- LEGAL & ETHICAL STEPS



Dr. P Prasant (Honorary Doctorate)
Deputy Dean (I & A)
IIC President, Assistant Professor
Mentor of Change, Atal Innovation Mission
Khalsa College of Engineering and
Technology, Amritsar



28.04.2023 at 6.30 p.m.



via Google Meet

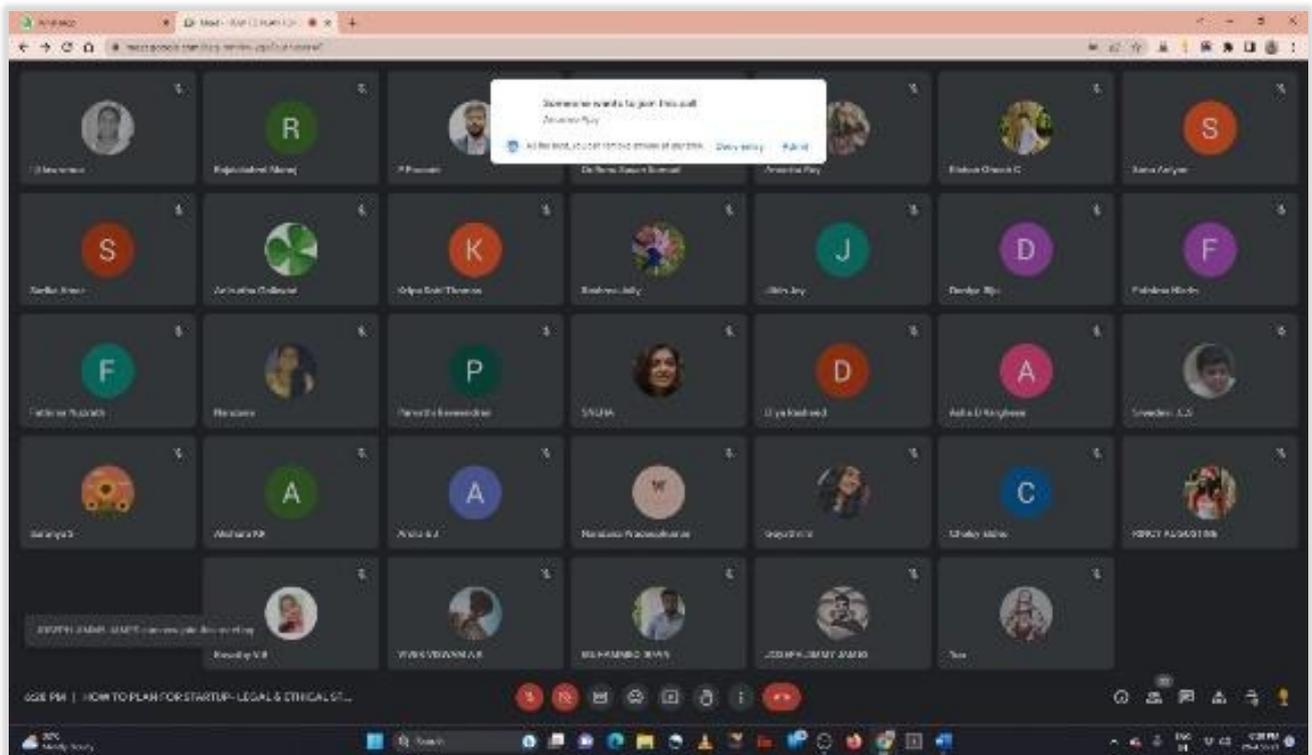
Co-ordinators

Liji Lawrence
Assistant Professor
Dept of Economics
Union Christian College, Aluva

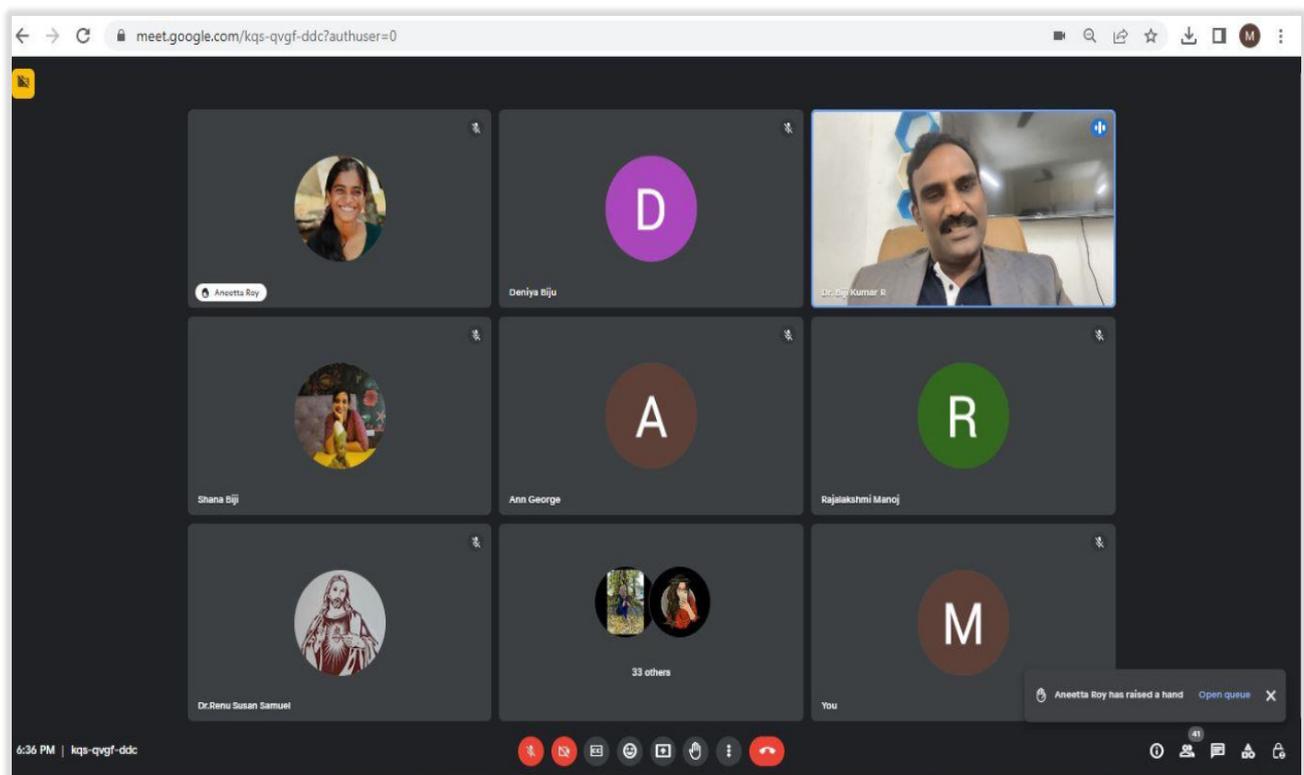
Rajalakshmi R
Assistant Professor
Dept of Economics
Union Christian College, Aluva

Dr. Sona S Dev
HoD of Biotechnology
Nodal Officer, SPC-IEDC
Convenor, SPC-IIC

Dr. Renu Susan Samuel
Assistant Professor
Dept of Economics
Asst. Nodal Officer, SPC-IEDC
President, SPC-IIC



Session on 2nd May 2023





Session on 11th May 2023

The screenshot displays a Zoom meeting interface. The main window shows a grid of nine video thumbnails. The top row contains three thumbnails: a red circle with the letter 'K' for Kripa Sobi Thomas, a green circle with the letter 'R' for Rajalakshmi Manoj, and a circular profile picture for Gayathri S. The middle row contains three thumbnails: a circular profile picture for Bhavana R, a larger video thumbnail for Priya menon (with a blue border indicating she is the active speaker), and a purple circle with the letter 'D' for Deniya Biju. The bottom row contains three thumbnails: a circular profile picture for Maryam Mohammed Siddique, a green circle with the letter 'P' for '9 others', and a circular profile picture for 'You'. On the right side, there is a 'People' sidebar with a search bar and a list of participants. The list includes: Iiji lawrence (You) Meeting host, abeez KA, Basil V Panayil, Bhavana R, Chelsy Eldho, and Deniya Biju. At the bottom of the screen, there is a toolbar with icons for mute, video off, chat, reactions, share screen, hand raise, help, and end meeting. The time 10:27 and the meeting ID hdo-wrbk-jjs are visible in the bottom left corner.



Session on 25th April 2023

UNION CHRISTIAN COLLEGE, ALUVA
DEPARTMENT OF ECONOMICS
PRESENTS

SEMINAR ON:
**YOUNG
ENTREPRENEURSHIP**

 Resource person :
Dr. Renu Susan Samuel
*Assistant Professor, Dept of Economics,
IEDC Assistant Nodal Officer &
SPC-IC President
St. Peter's College, Kalenchery, Emakulam.*

Via Google Meet  |  25 April, 2023
 6:30 pm

Outcome of the Activities

The department organised various seminars on Entrepreneurship to stimulate entrepreneurial skills among students. The talks introduced the students to legal and ethical issues in entrepreneurship and first-hand experience sharing by successful entrepreneurs. The motto of 'be a job maker rather than a job seeker' was an idea which was disseminated through these talks.



ST. PETER'S COLLEGE, KOLENCHERY

ERNAKULAM DIST., KERALA, INDIA - 682 311

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala, India)

Accredited by the National Assessment and Accreditation Council of U.G.C. with 'A' Grade

PRINCIPAL

LETTER OF COLLABORATION

between

Union Christian College, Aluva
(Department of History),
Ernakulam District, Kerala, India 683102

and

St. Peter's College, Kolenchery
(Department of History)
Ernakulam District, Kerala, India 682311

Union Christian College's Department of History, Aluva, Ernakulam District, Kerala, India and St. Peter's College, Kolenchery's Department of History, Ernakulam District, Kerala, India establish this letter of Collaboration to foster cooperation in educational activities in the following areas.

1. Both parties agree to conduct the following activities, in relation to the certificate course in History and Museology in India and future training or internship programmes in Archaeology, Museology, Heritage, History and allied fields in particular to promote academic cooperation;
 - 1.1. Exchange of materials in education, publications and academic information
 - 1.2. Exchange of faculty
 - 1.3. Exchange of students
 - 1.4. Field Visit
 - 1.5. Internship
 - 1.6. Other Technical Assistance and Training programmes
2. Funding
 - 2.1. Expenses for travel, transportation, boarding and personal expenses of exchange students, teachers or officers shall be covered by each individual. Students will pay for their registration, courses or professional practices at their home institution so that they can be recognized afterwards.
 - 2.2. Financial expenses for internships of students, which will be arranged at the parties' request, as well as travel expenses, shall be covered by each individual.
3. Credits /Accreditation:
 - 3.1. Credits and grades shall be awarded in accordance with the academic achievement policies in force at the host institution.
 - 3.2. The Institution shall issue a certificate recognizing the grades obtained, as well as the hours invested on the Internship by the students.

4. Both parties shall discuss the problems involved to the satisfaction of each party and enter into specific activity agreements based on the mutually agreed objectives and outcomes of the relationship.
- 4.1. The Letter of Linkage shall be applicable to educational activities, attached to each party.
- 4.2. This Letter of Linkage constitutes the entire agreement between the parties.
- 4.3. This Letter of Linkage is not considered to be a contract creating legal and financial relationships between the parties. Rather, it is designed to facilitate and develop a genuine and mutually beneficial exchange, process/academic relationship, and so forth.
- 4.4. This Letter of Linkage shall become effective as of the date of signatures of both parties and will be in operation for five years. It may be amended by the written consent of both the parties.
- 4.5. This Letter of Linkage should be reviewed every year to evaluate the progress and quality of the mutual cooperation. It may be extended to additional five-year periods upon the written consent of both parties. If the Letter of Linkage is not renewed by mutual consent, then it will conclude at the end of the specified time period, or after activities in progress have concluded.
- 4.6. This Letter of Linkage may be terminated by either party with a minimum of 120 days written notice. Activities in progress at the time of termination shall be permitted to conclude as planned unless otherwise agreed.
- 4.7. Both institutions subscribe to a policy of equal opportunity and will not discriminate on the basis of race, religion, colour, sex, age, national origin or ancestry, marital status, parental status, disability or veteran status.
- 4.8. Each party shall designate a person or office to serve as liaison for implementing this Letter of Linkage. For Union Christian College, Aluva, the contact person will be Dr. Jenee Peter, Assistant Professor, Department of History. For St. Peter's College, Kolenchery, the contact person will be Dr. Gracy K S, Assistant Professor of History and Coordinator of the Course. This Letter of Linkage is written in English.



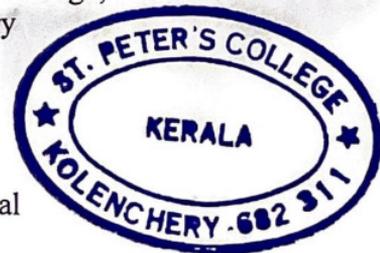
Head of the Institution
Dr M I Punnoose
Signing for
Union Christian College, Aluva



College Seal
Date of signature: 12/04/2023



Head of the Institution
Dr Shaju Varghese
Signing for
St. Peter's College,
Kolenchery



College Seal



Department of History

Letter of Collaboration with St. Peter's College, Kolenchery

Report

Union Christian College's Department of History, Aluva, Ernakulum District, Kerala, India and St. Peter's College, Kolenchery's Department of History, Ernakulum District, Kerala, India entered into this letter of Collaboration on 12.04.2023 to foster cooperation in educational activities. The objective is to conduct the following activities, in relation to the certificate course in History and Museology in India and future training or internship programmes in Archaeology, Museology, Heritage, History and allied fields in particular to promote academic cooperation, exchange of materials in education, publications and academic information, exchange of faculty, exchange of students, field visit, internship, other Technical Assistance and Training programmes.

Activities

1. Inorganic Conservation Workshop

Objectives of the workshop were gaining familiarity with basic terms of chemical and mechanical conservation, identify agents of deterioration of organic objects in museum and preparing reports. Workshop on 20.04.2023 was inaugurated by the Principal, introduction to agents of deterioration and basic field level organic conservation was given by Jenee Peter. One practical sessions was arranged in the Conservation Lab in the afternoon. This one-day workshop started at 10.00 AM and ended at 4.30 PM.

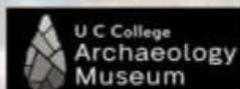
2. Organic Conservation Workshop

Another workshop on organic conservation was conducted on 21.04.2023.



Archaeology is the study of past cultures using material remains left behind by the people. The preservation of past material culture depends on the type of materials (organic, which decay more quickly, or inorganic) and the environmental conditions to which they have been exposed. Materials deposited in the open are affected by factors such as rain, sun, snow, wind, and other natural phenomena. Conservation is usually done in a lab, but sometimes inorganic objects like metal, ceramics and stone are so fragile that some work to save or stabilize them must be attempted in the field.

Workshop on Inorganic Conservation



Conservation Lab



20 April 2023



TB Ninan Hall
History Dept. Reading Room,

Outcome

- Gaining familiarity with basic terms of chemical and mechanical conservation
- Identify agents of deterioration
- Preparing reports.

PREPARATION

You will be handling ancient materials and chemicals and mechanical devices and notebooks to record.

To Register:
[Click here](#)

Programme Schedule

- 10.00 AM - 11.30 AM Session 1
 - Basics of Inorganic Conservation: Abu Joseph
 - Respondent: Arun P Malat
- 11.30AM - 11.45AM
 - Tea
- 11.45 AM - 12.30 PM Practical Session 2
 - Conservation of Metal objects: Abu Joseph
 - Respondent: Lekshmy Venugopal
- 1.30 - 3.00 PM Practical Session 3
 - Conservation of Ceramics: Abu Joseph
 - Respondent: Gracy K S
- 3.00 PM - 4.00 PM
 - Team Report Presentations
- 4.00 PM - 4.30 PM Valedictory Programme
 - Chair: Dr Gracy K S
 - Reviews: Participants
 - Distribution of Certificates



Resource Person

Abu Joseph is an alumnus of CCES, CHS and received training in conservation at NRI.C, Lucknow. He is/was a conservation consultant with Muziris Heritage Project, Department of Archaeology, Govt of Kerala and various private museums.



Coordinators

Dr Jenee Peter
Arun P Malat - 9567774422
Lekshmy Venugopal

Participants need not have a background in Chemistry rather should have a passion for material culture and preservation.



Archaeology is the study of past cultures using material remains left behind by the people. The preservation of past material culture depends on the type of materials (organic, which decay more quickly, or inorganic) and the environmental conditions to which they have been exposed. Materials deposited in the open are affected by rain, sun, snow, wind, and other natural phenomena. Conservation is usually done in a lab, but sometimes organic objects are so fragile that some work to save or stabilize them must be attempted in the field.

Workshop on Organic Conservation



U C College
Archaeology
Museum

Conservation Lab



19 April 2023



TB Ninan Hall
History Dept. Reading Room,

Outcome

- Gaining familiarity with basic terms of chemical and mechanical conservation
- Identify agents of deterioration
- Preparing reports.

PREPARATION

Participants will be handling ancient materials, chemicals, mechanical devices and recording observations.

To Register:
[Click here](#)

Programme Schedule

- 10.00AM - 11.30AM Inauguration
 - Welcome: Lekshmy Venugopal, UC College
 - Inauguration of the workshop: Dr M I Punnoose, Principal, UC College
 - On the Workshop: Dr Jenee Peter, Coordinator of Archaeology, UC College
 - Felicitations:
 - Dr. Gracy K S, Course Coordinator, 'Museology in India' Dept. of History, St. Peter's College, Kolenchery
 - Ms. Tresa Divya T J, HoD, Dept. of History, UC College
 - Dr. Suji KV, Dept. of History, Sree Sankara College, Kalady

- 11.30 AM - 11.45 AM
 - Tea

- 11.45 AM -12.30 PM: Session 1
 - Basics of Conservation: Abu Joseph
 - Respondent: Arun P Malat

- 1.30 PM - 3.00 PM: Session 2
 - Practical Session in Museum: Arun P Malat
 - Respondent: Dr. Gracy K S

- 3.00 PM - 4.00 PM
 - Report Preparation and presentation



Resource Person

Abu Joseph is an alumnus of CCES, CHS and received training in conservation at NRLC, Lucknow. He is/was a conservation consultant with Muziris Heritage Project, Department of Archaeology, Govt of Kerala and various private museums.

Participants need not have a background in Chemistry, but should have a passion for material culture and preservation.



Coordinators

Dr Jenee Peter
Arun P Malat - 9567774422
Lekshmy Venugopal



Outcome of the Activity

Helped in gaining familiarity with basic terms of chemical and mechanical conservation and identifying agents of deterioration, preparing reports.



Rajesh Raju, Ph.D.
Associate Professor and Director

Mob: +91-8921377006
rajeshraju@yenePOYA.edu.in
<https://ciods.in>

Centre for Integrative Omics Data Science (CIODS)
YenePOYA (Deemed to be University) | Mangalore 575018 | India

LETTER OF COLLABORATION
FOR OTHER ACADEMIC ACTIVITIES OF
KNOWLEDGE ENRICHMENT & CAPACITY BUILDING

Between

Union Christian College

Aluva, Ernakulam-683 102

And

Centre for Integrative Omics Data Science (CIODS)

YenePOYA (Deemed to be University)

Ayush Campus, Naringana, Mangalore-575 018

THIS LETTER OF COLLABORATION is established between the Union Christian College, Aluva, Ernakulam-683 102, Kerala and the Centre for Integrative Omics Data Science (CIODS), YenePOYA (Deemed to be University), 4th Floor, Ayurveda College, Naringana, Mangalore-575 018 to foster cooperation towards achieving knowledge enhancement and capacity building through education.

1. Both parties, subject to mutual consent, agree to encourage the following activities, particularly, to promote collaboration in
 - a) Conducting mutually beneficial training programmes on, including but not limited to, application of bioinformatic tools in botanical research, through short term courses, invited talks, workshops etc.
 - b) Exploring avenues of academic partnership in student and faculty exchange, research and publications on relevant subject in botanical science
 - c) Any other scope of the work, which may be beneficial for both institutions
2. This Letter of Collaboration constitutes the entire agreement between the parties, and all prior discussions, agreements and understandings, whether verbal or in writing, are merged in this agreement.

3. This Letter of Collaboration is not considered to be a contract creating any legal and/or financial obligations between the parties. It is executed to facilitate a genuine mutually beneficial academic environment for knowledge development and capacity building, and so forth.
4. This Letter of Collaboration assumes no financial obligations on both parties.
5. This Letter of Collaboration shall come to effect on the date of signing and will remain in effect for a period of one year.
6. This Letter of Collaboration may be renewed or amended as may be agreed upon in writing by the Parties. If not renewed, this collaboration will expire at the end of the specified time period, or after activities in progress have concluded.
7. This Letter of Collaboration may be terminated by either Party with a minimum of one month notice.
8. Each party shall designate a member of faculty to serve as liaison for implementing this Letter of Collaboration. For Yenepoya (Deemed to be University), the contact person will be Dr. Rajesh Raju, Director, Centre for Integrative Omics Data Science, 4th Floor, Ayurveda College, Ayush Campus, Naringana, Mangalore, Karnataka and for Union Christian College, the contact person will be Dr. M. Anilkumar, Associate Professor and Head, Department of Botany, Union Christian College, Aluva, Ernakulam, Kerala.


Director

(Signing for)



Centre for Integrative Omics Data Science
Yenepoya (Deemed to be University)
Naringana, Mangalore-575 018
Karnataka, india

DIRECTOR
Centre for Integrative Omics Data Science (CIODS)
Ayush Campus
Yenepoya (Deemed to be University)
Naringana, Deralakatte Post, Mangalore - 575 018

Principal

(Signing for)


Prof. Dr. M. I. Punhose
Principal
Union Christian College, Aluva-2

Union Christian College
Aluva, Ernakulam-683 102
Kerala, India





Letter of Collaboration Between Centre for Integrative Omics Data Science (CIODS), Mangalore with Union Christian College (Department of Botany)

Letter of collaboration between Centre for Integrative Omics Data Science (CIODS), Mangalore with Union Christian College (Department of Botany) was signed in May 2023 with the objective of promoting collaboration in mutually beneficial training programs in the application of bio informatics tools in botanical research through talks, workshops etc. Centre for Integrative Omics Data Science (CIODS) is a research centre for undertaking the next-generation integrative omics research on various fields of biological sciences and also its integration to Artificial Intelligence platforms for translational research. Supported under the YenVision-2025 of the Yenepoya University, the CIODS is envisioned towards assembly of global datasets and development of tools for analysis of integrated omics datasets in multiple themes including carcinogenesis, cancer drug resistance, infections, and signal transduction mechanisms.

Report of the activity and proof

The students of both PG and research in the Department of Botany are given exposure to the use of various bioinformatics software for the analysis and interpretation of their research data. The major area under analysis includes metagenome data obtained from sequencing of endophytes. Functional annotation of genes involved in various metabolic pathways were undertaken and the work is under process. Proof is a photo of a student using the bioinformatics software for the analysis and interpretation of his research data



Outcome of the Programme

The program has only been initiated only recently. This MoU enables the students of the department of Botany with the latest software and technology which would enhance their academic and research potential.