

ANNUAL NEWSLETTER 2021-22

Flora



CATHOLICATE COLLEGE
ESTD 1952 | NAAC 'A' ACCREDITED | DST-FIST | ISO CERTIFIED

**POST GRADUATE AND RESEARCH
DEPARTMENT OF BOTANY**



VISION

To be a leading and vibrant centre of excellence for teaching and research; and develop an eco-friendly loving community.

MISSION

To provide a conducive learning environment for quality education and training, stimulate innovative research and technology development, consultancy, community service for improved livelihood and sustainable development.

NEW INITIATIVES

Co Incubation Centre
Curiosity Council
Harithapunarjani

Product development
Research Collaborations
and MoU

RESEARCH COLLABORATIONS AND MoU



Principal's Message

Dear Readers,

It is my pleasure to share with you the various activities and achievements of the Post Graduate and Research Department of Botany for the year 2021-2022. I am glad to note that the students and faculty members of the department has indulged in various academic as well as non-academic and extension activities during this time period. The efforts put forward to bring new collaborations to the college is highly appreciable. I whole heartedly congratulate all the students and faculty members of the department and wish them all the very best.



Dr. Philipose Omman
Principal

HoDs Message

It is a matter of great pleasure and satisfaction to bring out activity reports for one year, 2021-22 in the form of a newsletter. I strongly believe that this will serve as a window through which the complete profile of the department can be viewed. We are committed to creating an ambiance for nurturing innovation, creativity, and excellence in our youth. I am so happy to congratulate all the students who have taken enthusiastic efforts to begin new initiatives in the department like Curiosity Council, Co-Incubation center, National idea competition, etc. Let me express my gratitude to our beloved Principal, Dr. Philipose Omman, Hima KS, Botany association in charge, and all other faculty members for their support in the department activities.



Dr. Binoy T Thomas
Head of Department
Department of Botany

Editor's Note

The Post Graduate and Research department of Botany is glad to release the Newsletter for the year 2021-22. The newsletter highlights activities and achievements focussing on all round development of our students. I would like to extend my sincere thanks to our Principal Dr. Philipose Omman, Head of the Department Dr. Binoy. T. Thomas and all other Faculty members and Students for their continuous support in making this newsletter a reality.



Hima K S
Assistant Professor
Department of Botany

NATURE CARE



Harithapunarjani

5th June, 2021

Planted rare trees and fruit trees on ring roadside.

DAY OBSERVANCE

World Environment Day Observance 2021

4th June, 2021

Online webinar by Dr. George Thomas, Chairman, Kerala State Biodiversity Board.

POST GRADUATE & RESEARCH DEPARTMENT OF BOTANY
CATHOLICATE COLLEGE, PATHANAMTHITTA
WEBINAR
PHOTOGRAPHY COMPETITION &
INSTALLATION OF QR CODE LABELS ON TREES OF THE RING ROAD AND COLLEGE CAMPUS
Date : 04/06/2021, Friday
Time : 6.00 PM
World Environment Day
Theme Presentation
Keynote Address
Presidential Address
Dr. C. George Thomas
Chairman, Biodiversity Board
Dr. Philipose Omman
Principal
Varghese C. Thomas
Environmental Writer
zoom

EXTENSION



Nomenclature Club

5th June, 2021

Installation of QR Code labels on trees of the ring road and college campus.

Naattumanchottil

15th June, 2021

Webinar by Mr. Shyju Machathi on indigenous varieties of mango trees in Kerala.

നാട്ടുമാലഞ്ചോട്ടിൽ..
Webinar മാമ്പഴപരിചയം
Shyju Machathi
Kannapuram, Kannur
15/06/2021 (Tuesday) 5.00 pm
Department of Botany
Catholicate College, Pathanamthitta
zoom

DEPARTMENT OF BOTANY
CATHOLICATE COLLEGE
PATHANAMTHITTA

LECTURE SERIES- 1

TOPICS TO DISCUSS

CONSERVATION BIOLOGY

Why Western Ghats is placed in the list of world heritage sites?

JUNE 30, 2021

WEDNESDAY

10.30 AM



Dr. Jomy Augustine
Associate Professor & Head
Department of Botany
St. Thomas College
Pala

Tina Thomas
Co ordinator

Dr. Philipose Omman
Principal

Invited Lecture Series

30th June, 2021

Dr. Jomy Augustine (Associate Professor and Head, Department of Botany, St. Thomas College, Pala) delivered lecture on Conservation Biology.

Planting of Fruit Tree Saplings in nearby Anganwadis

5th September 2021

The Department of Botany Catholicate College, Pathanamthitta associated with Pathanamthitta Municipality, Haritha Kerala Mission, District Suchitwa Mission and Chris Global Foundation, Thiruvalla for "Arivinoppam Aarogyam Project" planted fruit tree saplings in the campus of Anganwadis of the Municipality.



INTERNATIONAL WEBINAR SERIES

Scholarscope
7th September, 2021

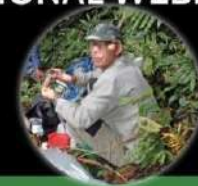
The Post-Graduate and Research department of Botany organized an international webinar series by the aegis of the research forum of the department. Dr. Sreedharan Govindhachary Canada, Dr. Axel Palsoun Edinbrough, Dr. Anita Dedic Bosnia and Dr. Ambika HD Germany delivered the speech on scope of microalgae, distribution of Elettaria, Algae in Bosnia and Terrestrial Algae respectively.

POSTGRADUATE & RESEARCH
DEPARTMENT OF BOTANY
CATHOLICATE COLLEGE
PATHANAMTHITTA, KERALA, INDIA

Under the auspices of Research Forum

SCHOLARSCOPE

INTERNATIONAL WEBINAR SERIES



2

Dr. Axel Dalberg Poulsen

Royal Botanical Garden, Edinbrough

The natural distribution of green cardamom, the ginger genus Elettaria

07/07/2021 (Wednesday) 2.00 PM



Dr. Philipose Omman

Principal

**Postgraduate & Research
Department of Botany**
Catholicate College, Pathanamthitta
Kerala, India
Affiliated to M G University Kerala
NAAC RE-ACCREDITED 3.50 with A grade

Under the auspices of Research Forum
INTERNATIONAL WEBINAR SERIES
Interaction with
ERUDITE RESEARCHERS
SCHOLARSCOPE

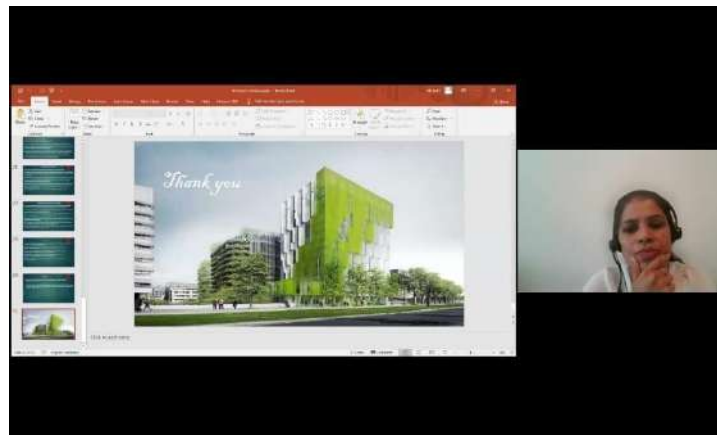
- 03 July 2021 (Saturday) : 6.00 PM
- 07 July 2021 (Wednesday) : 2.00 PM
- 09 July 2021 (Friday) : 2.00 PM

Dr. Phillipose Omman, Principal

Application of Algae
Dr. Sriharan Govindachary
International expert on Algae, Canada

Distribution of Elixirs
Dr. Axel Dalberg Poulsen
Royal Botanical Garden, Edinburgh

Algae in Bosnia
Dr. Anita Dedic
University of Mostar, Bosnia



BIODIVERSITY ENRICHMENT

Planting of Fruit tree saplings in College Campus 8th October, 2021

As a part of the platinum jubilee celebrations of Catholicate College, Pathanamthitta, the Department of Botany initiated a project in collaboration with Chris global foundation Thiruvalla fruit tree saplings were planted in the college campus.



Let's Make the Campus Green

**POSTGRADUATE & RESEARCH
DEPARTMENT OF BOTANY**

FRUIT TREES

Campus

Plant 70 Fruit Tree Saplings to mark
70th year of College

**FRIDAY
08th October
9.00 AM**

Inauguration
H.E. Kuriakose Mar Ghephi Metropolitan
In collaboration with
Chris Global Traders, Thiruvalla

Felicitation
KE Vinod Kumar
Bursar/Coordinator
Suchinwa Mission
Pathanamthitta



INTERNSHIP

24th January, 2021

Ten days internship (online) on Molecular and Analytical techniques for plant sciences was organized by the "Post graduate and Research Department of Botany, Catholicate College Pathanamthitta, Kerala, in association with MG University Kottayam and Department of Biotechnology, Karunya Institute of Technology & Science (KITS), Coimbatore.

Ten Days Internship (Online)
Molecular and Analytical Techniques for Plant Science
 Module 1 : January 24-29, 2022 Module 2: February 21-25, 2022
 Time: 2.00 PM to 3.30 PM

Organized by
 Post Graduate and Research Department of Botany,
 Catholicate College, Pathanamthitta

In association with
 Mahatma Gandhi University Kottayam
 Department of Biotechnology
 Karunya Institute of Technology and Sciences
 Coimbatore

Inaugural Address
 Prof. (Dr.) Sabu Thomas
 Hon'ble Vice-Chancellor
 Mahatma Gandhi University
 Kottayam, Kerala

Keynote Address
 Dr. Sajan Kurien
 Dean
 School of Agriculture and Bio Sciences
 Karunya Institute of Technology & Sciences, Coimbatore

Registration Link
<http://forms.gle/9qj6t3MCeKfW956v5>

Course fee: Rs.1100 (Inclusive of all Taxes)
Payment Mode: NEFT/Online Payment link:
<https://iduserve.karunya.edu/online/ExternalEvents.aspx>

Who can apply
 Academicians, Research scholars and Post graduate students

Topics covered
Module 1 : Molecular Markers and Sequencing Technologies, Introduction to PCR - PCR Demo, Agarose Gel Electrophoresis-DNA, Gel Documentation, RT PCR- Demonstration, SDS-PAGE- Protein
Module 2 : Theory on Plant Metabolites, Extraction of Plant Metabolites (SuccMet & Column) HPTLC - Demonstration, Theory on HPLC and GC-MS, Data Interpretation and Analysis

Chairperson : **Dr. Philipose Omman**
 (Principal, Catholicate College, Pathanamthitta)

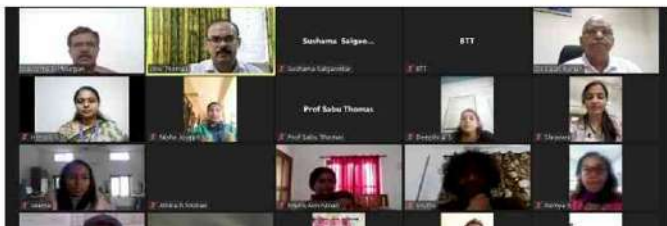
Convener: **Dr. Binoy T. Thomas**
 (Head, Department of Botany, 9447087024)
 Coordinator: **Dr. Misha Joseph**
 Assistant Professor, Department of Botany, 9495110887

Convener: **Dr. Jibu Thomas**
 HD, Dept of Biotech, KITS, Coimbatore
 Coordinator: **Dr. S. Murgan**
 Dept of Biotech, KITS, Coimbatore, 9842053851

Ten-day Internship (Online) on Molecular and Analytical Techniques for Plant Sciences (MATPS – 22)

The objective of this internship was to foster the academic and research potentials

cityairnews Jan 25, 2022 03:13



Alumni Meet 2021

2nd October, 2021

Catholicate College Botany Alumni meet was conducted on Zoom Online platform, with the active participation of around 100 former students and former and present teachers from around the globe.



ALUMNI ACTIVITIES

POSTGRADUATE AND RESEARCH DEPARTMENT OF BOTANY CATHOLICATE COLLEGE
 NAAC Re-accredited A Grade with CGPA 3.60
 PATHANAMTHITTA - 689645, KERALA, INDIA.

Virtual Alumni Meet 2nd October Saturday 2021 @ 5.00 PM

Oasis

BENEDICTIONARY ADDRESS
 K.S. Kurukose
 War Clemis Metropolitan
 (Alumnus, 1959-1962, 1967-1969)

INAUGURAL ADDRESS
 Sri. K.S. Rajendra Kumar IAS (Retd)
 (Alumnus, 1959 to 1972)

Live on **zoom** ID: 86267135656
 Passcode: 517184

Cordially invites you back to your alma mater

Principal **Dr. Philipose Omman** 9446708702
 Head of the Department **Dr. Binoy T Thomas** 94470887024
 Coordinator **Dr. Deepthi A S** 9446028348



26/02/2022- Alumni Meeting

Alumni Meet of
1992-95 UG Batch
26th February, 2022

A Book to Thank Your Teacher
31st March, 2022

Alumni association of the Department of Botany, Catholicate College initiated a book donation drive called A Book to thank your Teacher to commemorate inspiring teachers. The Programme was Inaugurated by the Resident Manager HH Kuriakose Mar Clemis Metropolitan. Dr. Mathew Dan Scientist, Tropical Botanic Garden and Research Institute, Palode and Dr, N Mohanan, Dr. N Mohanan, Scientist (Rtd), Tropical Botanical Garden and Research Institute, Palode commorated their inspired teacher HH Kuriakose Mar Clemis Metropolitan (former Faculty of the Department) by donating voluble collection of books.

'A book to Thank your Teacher'
Book donation drive- An Alumnus a Book

An Alumni initiative to commemorate inspiring Teachers- Phase I

In association with
Alumni Association of the Department "OASIS"

Inspiring Teacher
HH Kuriakose Mar Clemis
(Assistant Manager & Former Faculty)

Books Donated by

Dr. Mathew Dan
(Assistant Rtd) (Rtd)
Principal Scientist & Head
Plant Genetic Resources Division
ICRISAT, Patoda, Hyderabad

Books Donated by

Dr. N. Mohanan
(Assistant Rtd) (Rtd)
Scientist & Head (Rtd)
Genetic Management Division
ICRISAT, Patoda, Hyderabad

Date 31-03-2022 | Thursday | 11.30 am | Botany Department

Postgraduate & Research Department of Botany
Catholicate College, Pathanamthitta-689645, Kerala, India
(NAAC Re-accredited A Grade with CGPA 3.60)

Patron: Dr. George Koshy (Head, B.Ed., Department of Botany, Catholicate College, Pathanamthitta)
Chairman: Dr. Philipose Chinnan (Principal, Catholicate College, Pathanamthitta)
President: Dr. Binoy J Thomas (Head, Department of Botany, Catholicate College, Pathanamthitta)
Vice-president: Dr. Mathew Dan (Principal Scientist and Head, Plant Genetic Resources Division, ICRISAT, Patoda, Hyderabad)
Secretary: Dr. Deepthi A V (Assistant Professor, Department of Botany, Catholicate College, Pathanamthitta)
Treasurer: Mr. Gerald G Nair (Assistant Professor, Department of Botany, Catholicate College, Pathanamthitta)



Department of Botany
CATHOLICATE COLLEGE
PATHANAMTHITTA-689645, KERALA, INDIA
(NAAC Re-accredited A Grade with CGPA 3.60)

TALK WITH ALUMNI
Monthly Lecture Series-I
In association with Alumni Association of the Department
"OASIS"

Speakers

 Dr. N. Mohanan Assistant Professor Genetic Management Division ICRISAT, Patoda Hyderabad	 Dr. Mathew Dan Principal Scientist & Head Plant Genetic Resources Division ICRISAT, Patoda Hyderabad	 Dr. Tracy C B Head, Botany & Biotechnology Division Catholicate College Pathanamthitta	 Dr. Anilkumar K A Assistant Director Sector Board Rajiv, Sec 4 Hyd.	 Dr. Shaji Philip Principal Scientist and Head Department of Plant Pathology MRL, Bangalore	 Dr. Shalini M Joseph Principal (Rtd) St. Mary's College Sector Botany
 Dr. Swarnapriya S Assistant Professor Department of Botany Sree Narayana College Muvattupuzha	 Mr. Kiran Kumar B Life Science Academy Thiruvananthapuram Kerala	 Mr. Thomas Varughese Education and Outreach Officer (Rtd) Thiruvananthapuram District & CD, TRIPRA	 Mr. Vaidyanathan (Retired) (Rtd) Coffee Board Coat of India	 Ms. Sreetha M S Senior Officer (Research) State Forensic Science Laboratory Thiruvananthapuram	

President: Dr. Binoy J Thomas (Head, Department of Botany, Catholicate College, Pathanamthitta) | Vice-president: Dr. Mathew Dan (Principal Scientist and Head, Plant Genetic Resources Division, ICRISAT, Patoda, Hyderabad)
Secretary: Dr. Deepthi A V (Assistant Professor, Department of Botany, Catholicate College, Pathanamthitta) | Treasurer: Mr. Gerald G Nair (Assistant Professor, Department of Botany, Catholicate College, Pathanamthitta)

Talk with Alumni Series
A monthly lecture series by Alumni members of the department.

EXHIBITION: BIODIVERSITY REPRESENTATION ON INDIAN STAMPS



31st March, 2022

An exhibition on Biodiversity Representation on Indian Stamps was organized Postgraduate and Research Department of Botany, Catholicate College, Pathanamthitta. Dr. N Mohanan, Scientist (Rtd), Tropical Botanical Garden and Research Institute, Palode exhibited his precious collection of stamps which represents the flora and fauna in Indian stamps.

STUDENTS ACHIEVEMENTS



Sreelakshmi

10th rank in B.Sc Botany (2020-2021)



Minu Maria James

Qualified ARS-NET 2021;
DBT-Biotechnology Eligibility Test-JRF 2021;
GATE 2021; UGC CSIR JRF 2021



Unnimaya S

Qualified UGC JRF (Rank 259)



Arun Sam Chacko

Qualified JRF-CSIR (126)



Susan Koshy

First prize in South zone softball championship;
First prize in inter collegiate baseball championship;
Second prize in inter collegiate softball championship



Gauri Krishnan MR

Inter collegiate chess tournament
Runner up (second price) July 2021



Maneesh M

Inter university Fencing Championship
(Foil team) Silver medal,
Bronze medal in Inter university Fencing
Championship (Foil- Individual and team)
All India University fencing Championship (best 16)



Divya Udayan

Bronze medal in MG university Intercollegiate
fencing championship (Sabre team);
Represent Kollam district in Kerala State Junior
Kabadi Championship



Anirudh B Kurup

Outstanding performance as NSS volunteer
during 2020-2021



Georgie Oommen Thomas

Qualified JAM AIR - 1205








Gokul Kumar

secured A Grade for Photography competition in
M.G University Youth festival "Wake up Call 2022"

PUBLICATIONS AND PRESENTATIONS

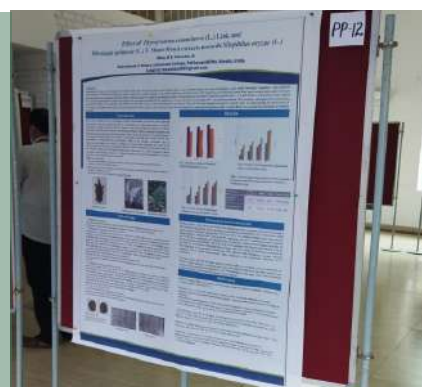
Dr. Phlipose Omman, Principal of the college, published five articles in the current academic year.

-  Omman P and Reghu C P (2021)
Histochemical localisation of starch in the bark tissue of Hevea clones.
International Journal of Botany Studies, 6(6): 40-43
-  Sindhumol A and Omman P (2021)
The inclination of laticifers and phloic rays in six Hevea Clones.
International Journal of Botany Studies, 6(6): 406-409
-  Omman P and Reghu C P (2021)
Correlation of anatomical characters in the bark of Hevea brasiliensis.
International Journal of Botany Studies, 6(6): 1220-1225
-  Omman P and Reghu C P (2021)
Clonal variation in phloic ray characters in the secondary phloem tissue of Hevea clones.
Rubber Science, 34(2): 165-175.
-  Omman P (2022)
Nature and distribution of laticifers in the bark of juvenile seedling of Hevea brasiliensis.
Indian Journal of Natural Science, 12(70): 37930-37936.



Dr. Nisha Joseph: E-poster Presentation on Evaluation of Morphological and Genetic Variability in Annatto (*Bixa orellana* L. National Online training in "Conservation, Management and Utilization of Horticultural Genetic Resources for Livelihood and Nutritional Security organised by ICAR- IIHR during 22nd to 26th November, 2021 and secured Second prize.

Hima K.S: Poster Presentation on "Effect of *Pityrogramma calomelans* L. Link and *Microlepidia speluncae* (L.) T. Moore frond extracts towards *Sitophilus oryzae* L." in 16th Conference of the Indian Fern Society and International Symposium on Research in Pteridology: Priorities and Challenges held at Calicut University during 17th to 19th March, 2022.



Dr. Thomas VP: Poster Presentation on exploration, collection and conservation of potential Zingiberales. organised by ICAR- IIHR during 22nd to 26th November, 2021.

NEW SPECIES DISCOVERY & PAPER PUBLISHED

GOKUL G NAIR

A New Species of Black Mildew Causing Fungus *Meliola Konniensis* (Meliolales) from Agasthyamalai Biosphere Reserve, India
Phytotaxa 545(2): 224–228

INSA VISITING SCIENTIST FELLOWSHIP

Indian National Science Academy awarded Rs 30000/- as fellowship to Dr. Binoy T Thomas for research collaborations with NBRI, Lucknow.

MERIT DAY

30th March, 2022



CO-INCUBATION CENTRE



16th March, 2022

Postgraduate department of Botany, Catholice College is expanding student entrepreneurship in collaboration with the Mahatma Gandhi University, Business Innovation and Incubation Center (BIIC), Kerala Start-Up Mission and the Kerala Development and Innovation Strategic Council.

POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY
& COUNCIL
CATHOLICE COLLEGE PATHANAMTHITTA
NAAC-RE-ACCREDITED 'B'++ GRADE WITH CGPA 3.80

In collaboration with
M.G. UNIVERSITY, KOTTAYAM
BUSINESS INNOVATION AND INCUBATION CENTRE

GO-INCUBATION CENTRE

Initiated by
Dr. C.T. Aravindkumar, Director, Department in charge
of Mahatma VICE Chairperson, M.G. University

Initiated by
Dr. Prokash Kumar S, Registrar, M.G. University

In the presence of
Dr. Philipose George, Principal, Catholice College,
Pathanamthitta
Dr. Radhakrishnan D., Director, GDCL, M.G. University,
Kottayam

VENUE
M.G. University Kottayam

DATE
16th March 2022
(Wednesday)

വിദ്യാർത്ഥി സംരംഭകത്വം:യാരണാപത്രം കൈമാറി

പത്തനംതിട്ട • എഷി സർവകലാശാല, ബിസിനസ് ഇന്നവേഷൻ ആൻഡ് ഇൻക്യുബേഷൻ സെന്റർ (ബിഐഐസി), കേരള സ്പാർട്ട്സ് മിഷൻ, കേരള ഡവലപ്മെന്റ് ആൻഡ് ഇന്നവേഷൻ സ്കോർപ്പിക് കൗൺസിൽ എന്നിവയുടെ സഹകരണത്തോടെ കാതോലിക്കേറ്റ് കോളേജിലെ വി

നതിനുള്ള കോ ഇൻക്യുബേഷൻ പദ്ധതി നടപ്പാക്കും. കാതോലിക്കേറ്റ് കോളേജ് ബോട്ടണി വിഭാഗം ആണ് ഇൻക്യുബേഷൻ സെന്റർ. കഴിഞ്ഞ ഒരുവർഷമായി ബോട്ടണി വിഭാഗത്തിൽ പ്രവർത്തിച്ചുവരുന്ന ക്യൂരിയോസിറ്റി കൗൺസിലിന്റെ നേതൃത്വത്തിൽ നടന്ന പ്രവർത്തനങ്ങൾക്കുശ്ര

യാരണാപത്രം കൈമാറി.
പ്രൊ വൈസ് ചാൻസലർ ഡോ.സി.ടി. അരവിന്ദകുമാർ, രജിസ്ട്രാർ ഡോ. ബി.പ്രകാശ്കുമാർ, ബിഐഐസി ഡയറക്ടർ ഡോ. ഇ.കെ.രാധാകൃഷ്ണൻ, കാതോലിക്കേറ്റ് കോളേജ് പ്രിൻസിപ്പൽ ഡോ. ഫിലിപ്പോസ് ഉമ്മൻ, ബോട്ടണി വിഭാഗം റിസർച്ച ഓഫീ

RESEARCH COLLABORATIONS & MoU

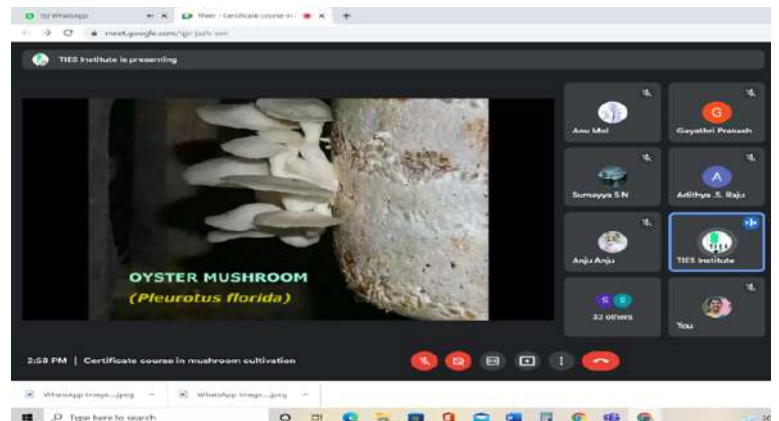
1 INDUSTRIAL MoU WITH ZARAAH BIOTECH, THRISSUR



MoU WITH COLLEGE OF ENGINEERING, THIRUVANANTHAPURAM (CET)

2

3 MoU WITH GOVERNMENT ENGINEERING COLLEGE, BARTON HILL



MoU WITH TROPICAL INSTITUTE of TIES, KOTTAYAM

4

The MoU was signed for conducting certificate course in Mushroom cultivation.

5 MoU WITH RAMANUJAN COLLEGE AND BHASKARACHARYA COLLEGE, UNIVERSITY OF DELHI

The collaboration was for conducting faculty development programme.

COLLABORATIONS FOR EXTENSION ACTIVITY

Collaboration with Pathanamthitta Municipality for planting and naming trees in and around Pathanamthitta Municipality .

CO-SPONSORSHIP

Non-financial Co-sponsorship from M.G University for

1. Short term course on Molecular Taxonomy for Research Scholars
2. Certificate course in Mushroom Cultivation
3. Internship on Molecular and Analytical techniques for Plant sciences

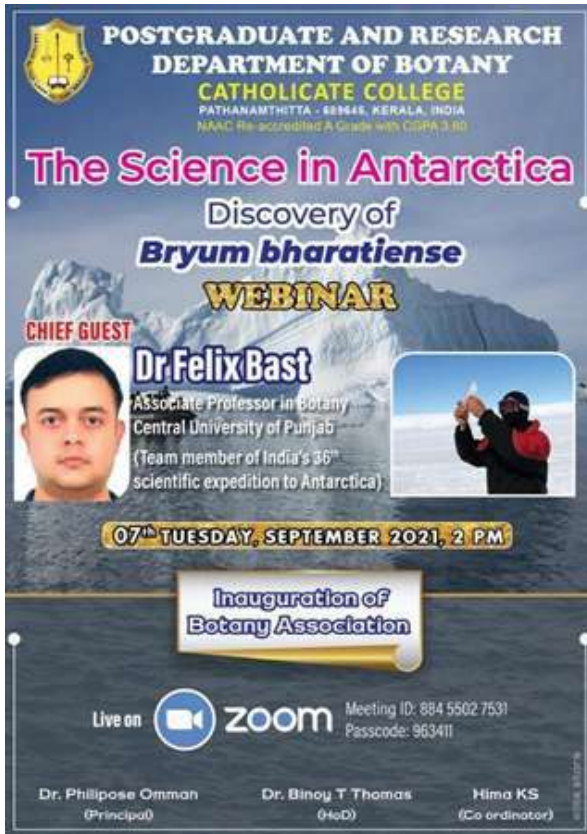
INVITED LECTURES/RESOURCE PERSONS

NAME	AGENCY	PLACE	DATE
Dr. Binoy T Thomas	DoECC, Kerala	SD College, Alapuzha	10/03/2022
Dr. Binoy T Thomas	Sir Syed College, Taliparamba	Sir Syed College, Taliparamba	11/08/2021
Dr. Thomas V P	ICAR-National Bureau of Plant Genetic Resources, New Delhi	Virtual training programme on “Plant Taxonomy for Plant Genetic Resource Management”	22/03/2022

EXPERT PANEL COMMITTEE

Name	Agency	Purpose	Order No.
Dr. Binoy T Thomas	KDISC	Advisory committee member	385/2021/KDISC/1 dtd 05/04/2022 & No : 385/2021/KDISC Dtd 26/03/2022
Dr. Binoy T Thomas	MG University	Member in preparing Ph. D programme course work	2396/AC A 10/2022/MGU
Dr. Thomas V P	Kerala Biodiversity Board	Expert group member	A5 13909 12020/KSBB - dtd 24/09/2020
Dr. Thomas V P	Haritha Kerala Mission (Pachathuruthu)	Expert group member	544/HKM/PTA- 15/02/2021

BOTANY ASSOCIATION ACTIVITIES



Inauguration of Botany Association 7th September, 2021



Floralis Botany Catholocate College Pathanamthitta

SUBSCRIBED

188 subscribers • 15 videos

An initiative of Botany Department, Catholocate College,
Pathanamthitta

YouTube Channel

A YouTube channel “Floralis” was created to showcase the talents of students of the department. Videos of programmes conducted by the department are uploaded monthly in the channel.



Knowledge corner (Bulletin Board)

Onam Celebration

19th August, 2021

Virtual Onam celebration was conducted. Principal of the college Dr. Philipose Omman inaugurated the formal meeting. Various competitions such as Athappookkalam competition, Malyalimanka and Keralasreeman competitions were organized for the students.

POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY CATHOLICATE COLLEGE PATHANAMTHITTA Botany Association



19th August 2021
അനൗദ്യോഗികമായി ഓണം ആഘോഷിച്ചു



Documentary Film

Students of the department prepared a documentary film about the department. It can be viewed in the department Youtube channel FLORALIS.



Christmas Celebration

23rd December, 2021

Association celebrated this year's Christmas with various programmes. The Christmas message was delivered by Rev. Fr. Gabriel Joseph, Vicar and Coordinator of Palliative Care Unit, St. Stephen's Church, Makkankunnu, Principal Dr. Philipose Omman and Department Head Dr. Binoy T Thomas.



Visit to Old Age Home

23rd December, 2022

Teachers of the department and students visited the Mar Gregorios Shanthi Sadan Old age home at Pathanamthitta and distributed cakes to the inmates.

Waste to Wealth

24th February, 2022

An awareness class on Solid waste management for students by Mr. Christopher M, CEO of Chris Group was conducted.



Postgraduate & Research Department of Botany & Botany Association

CATHOLICATE COLLEGE
Pathanamthitta-689645, Kerala, India
(NAAC Re-accredited A Grade with CGPA 3.60)

Organizing
Waste to Wealth
Awareness programme on Solid Waste management

in association with
Chris Global Foundation, Thiruvalla

Resource Person
Sri. Christopher. M, CEO, Chris Group
24th February, 2022
Time: 2.00p.m to 3.30 p.m

Dr. Philipose Omman (Principal)
Hima KS (Coordinator)

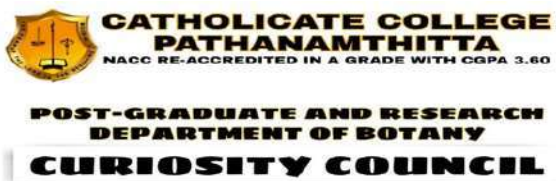
Dr. Binoy T Thomas HoD

CURIOSITY COUNCIL

Scientific Paper Presentations

Twenty presentations have been made under the leadership of council members which include presentations every Thursday evening. Certain topics are

- Advanced plasma power
- Microbial applications on self-healing concrete
- Algae as a source of biofuel
- Genetically modified Wheat
- An introduction to Carbon footprint
- Bioenergy Technologies
- Plants used in Cosmetics
- Bioplastics
- Xenobots



TALK WITH OUR TUTOR



Dr. Deepthi A S (Assistant Professor)
DEPARTMENT OF BOTANY
CATHOLICATE COLLEGE
PATHANAMTHITTA



ON 10th February 2022 @ 7:30 pm

Talk With Our Tutor

10th February, 2022

The Curiosity Council had organized a lecture series called "TALK WITH OUR TUTOR" which emphasized teacher-student interactions. The session was conducted to create a platform for live interactions with the mentors.

CATH-IDEATHON

31st January, 2022

A National Grand Idea Challenge called "CATH-IDEATHON 2021" was held under the auspices of the Curiosity Council in collaboration with Business Innovation and Incubation Centre, M.G. University, Young Innovator's Programme and Kerala Development and Innovation Strategic Council.

SCHEDULE	
Registration starts on	: 27 th October 2021
Registration ends on	: 15 th November 2021
Proposal submission ends on	: 31 st December 2021
Announcement of results (round 1)	: 15 th January 2022
Presentation of proposal (round 2) and declaration of final results	: 31 st January 2022

CLICK HERE FOR REGISTRATION CLICK HERE FOR DETAILS

Prize	Amount
1 st Prize	₹ 20,000 INR
2 nd Prize	₹ 10,000 INR
3 rd Prize	₹ 5,000 INR

more details contact: Dr. Philipose Oommen (Principal) | Dr. Binoy T Thomas (HoD) | 9447087024
Hima K S (Co-ordinator) | 8921161478 | George Oommen Thomas (Student Co-ordinator) | 8281218068



PRIZE- DISTRIBUTION FOR CATH -IDEATHON WINNERS

- First Prize: Alphonsa College, Pala (Rs. 20,000/-)
- Second Prize: Banaras Hindu University, UP (Rs. 10,000/-)
- Third Prize: Bhaskaracharya College of Applied Sciences, New Delhi (Rs. 5000/-)

WEBINARS

POST GRADUATE AND RESEARCH
DEPARTMENT OF BOTANY
CATHOLICATE COLLEGE PATHANAMTHITTA
NACC Reaccredited A Grade with CGPA 3.60

IN ASSOCIATION WITH
YOUNG INNOVATORS PROGRAMME

90P WEBINAR K-DISC
Spreading the spirit of
INNOVATION AND ENTREPRENEURSHIP

Resource Persons
JINTO SEBASTIAN & JITHIN S O
Programme Executives
District Innovation Council, Pathanamthitta

INAUGURATION OF CURIOSITY COUNCIL

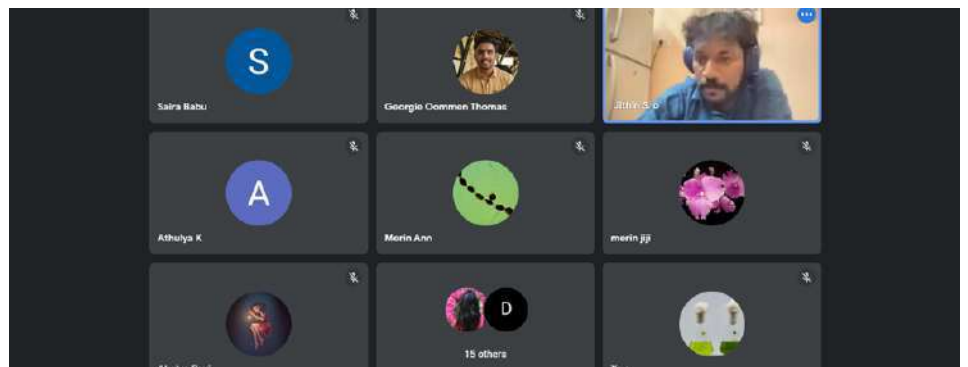
22nd Wednesday, September 2021,
@ 6:00 pm

Meeting ID: 827 6600 2051
Passcode: 391337

Dr. Philiphose Oommen (Principal) Dr. Binoy T Thomas (HoD)

11th December, 2022

Two webinars on the topic "Vision to Innovation" were held on 11th December 2021 and 2nd February 2022. YIP Program Executives, Pathanamthitta Mr. Jithin S O and Mr. Jinto Sebastian led the webinars.



IDEA SUBMISSION

The Curiosity Council made three Idea Submissions on YIP – Young Innovators Program, the flagship program of the Kerala Development and Innovation Strategic Council.

The following council members participated in the idea submission challenge,

- Jini George, D1 Botany
- Sabhitha M, D1 Botany
- Georgie Oommen Thomas, D3 Botany
- Manjima M, S1 Botany
- Athulya G, S2 Botany

TBGRI VISIT

30th March, 2022

The student representatives visited the Jawaharlal Nehru Tropical Botanical Garden and Research Institute, Palode, Thiruvananthapuram on 30th March.

INGENUITY 2022

4th - 7th May, 2022

A non residential programme for High School and Higher Secondary Students, organized by the Co-Incubation Centre, in association with M G University, Business Innovation Council (BIC), Kerala Start Up Mission & Amal Jyoti Engineering College. The programme provided a platform to nurture scientific aptitude and inquisitiveness towards developing solutions, products and careers, paving the way for economic self-reliance and environmental consciousness.



ASSOCIATION MEETINGS





PROCESSION: M G UNIVERSITY YOUTH FESTIVAL 2022



1st April 2022

Competing with other colleges Botany department secured Second Prize worth Rs.10,000/- in procession organized on 1st April 2022, in connection with this year's M.G University Youth festival "Wake Up Call 2022".





CATHOLICATE COLLEGE

ESTD 1952 | NAAC 'A' ACCREDITED | DST-FIST | ISO CERTIFIED

POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY

Catholicate College, one among the top graded colleges under M.G University, has been instrumental in instilling erudition and excellence for the last 70 years. In the re-accreditation of NAAC, the college has been awarded in A+ grade with CGPA of 3.60 thereby the college is ranked as one of the top arts and science colleges in Kerala. The Postgraduate and Research department of Botany is one of the oldest departments in the college. The department has been recognized for the special assistance grant by DST-FIST. The Department is involved in collaborations with several National and International Research Institutions. Faculties of the department have completed several major and minor projects sponsored by the CDB, UGC and KSCSTE. A major project sponsored by Department of Environment and Climate Change (DoECC) Kerala is currently running. Thrust areas of research include Phycology, Mycology, Angiosperm Taxonomy, Ethnobotany, Pteridology, Phytochemistry, Nano Biotechnology, Tissue Culture and Environmental Studies. A major project sponsored by Department of Environment and Climate Change (DoECC) Kerala is currently running. Thrust areas of research include Phycology, Mycology, Angiosperm Taxonomy, Ethnobotany, Pteridology, Phytochemistry, Nano Biotechnology, Tissue Culture and Environmental Studies. The department has signed 10 MoUs and developed 3 research prototypes in partnership with leading institutes both within and outside Kerala.

Flora



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Dr. Binoy T Thomas, HoD

EDITOR & TEACHER IN CHARGE

Hima K S

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