

COLLEGEWEBSITE-FACULTYPERSONALPAGEDATASHEET

PERSONAL INFORMATION

Name	Dr.MITY THAMBI
Department	CHEMISTRY
Year of Joining	3 rd MARCH2014
Years of teaching experience as on 1 st June of the year	10 years
Address	KAKKASSERI(H) CHOWANNOOR P.O,KUNNAMKULAM, THRISSUR DISTRICT.
Phone(Mob:)	9446234059
Phone(Residence)	Nil
Email	mity.thampi@gmail.com
Academia URL(not mandatory)	
ResearchGate URL (not mandatory)	https://www.researchgate.net
VidwanURL	https://vidwan.inflibnet.ac.in/profile/212167

COLLEGE-LEVELDUTIESANDIN-CHARGE

Duty	Position	Duration
ClassTeachship	ClassTeacher-D1, D2, D3 Chemistry	2020-2023
Admission Committee	Admissioncommittee member UG	2020-21,2021-22,2022-23, 2023-24
InternationalWebinar series Organising Committee	InternationalWebinarseries Organising Committee	2020
Admission Committee	Admissioncommittee member UG	2018-19,2019-2020, 2024-25
ArtsFestival	Judge	2020-21, 2021-22,2022-23, 2023-24
National seminar EFCI	Coordinator	December 2023

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QUALIFICATIONS

Degree	Rank	Institute	University
M. Sc.	Nil	BaseliusCollege, Kottayam	MG University
M.Phil	Nil	DepartmentofChemistry,Calicut University	CalicutUniversity
NET/JRF		Cleared	CSIR/UGC

RESEARCH DEGREES

Degree	Institute	University
M.Phil.	DepartmentofChemistry,Universityof Calicut	Calicut
Ph.D.	DepartmentofChemistry,Universityof Calicut	Calicut
PDF(1)	Nil	
Pdf(2)		

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Research	No. s	Journalsinwhichpublished
National Publications	3	<i>BaseliusResearcher</i>
International Publications	14	<i>IJPBS, IJPSR, WJPMR, The Pharma innovation journal</i>
Books Published+ Book Chapter	6	Lambert Academic Publishers, Laxmi Publishers, Black dot Publishers,OrbitPublishersand Distributers, Springer
Editor of book	1	Futuristic Trends in Chemical Material Sciences & Nano Technology Volume 3 Book 14
Seminars Attended	31	
Workshops	11	
Oral/Poster Presentations NationalLevel	12	
Oral/Poster Presentations International Level	6	
Minor Research Projects	Nil	-
Major Research Projects	Nil	-
Orientation/Induction	1	Kannur University, Kannur
RefresherCourse	2	Kannur University, Kannur
ShortTermcourse	1	Mahatma University,Kottayam
FDP	1	Erudiction 2020, Organized by Payyannur college
FEP	1	Department of Chemistry & Centre for Research, Baselius College, Kottayam in association with Chemical Research Society of India (CRSI)
FDP	2	TLC Ramanujan College

RESEARCHPAPERS PUBLISHED/PRESENTED

PUBLICATIONS

1. **MityThambi** and ShafiP.M, Rhizome essential oil composition of *Costusspeciosus* and its Antimicrobialproperties,*InternationalJournal of Pharmaceutical Research & Allied Sciences*,

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- 4(1), 28-32, 2015.
2. **Mity Thambi**, Phytochemical Investigation of conical prickles on the stem bark (Petroleum Ether Extract) of *Zanthoxylum Rhetsa* , *J.Chem.Bio.Phy.Sci.* 5(1), 129-133, 2015.
 3. **MityThambi**,TomCherian,PhytochemicalStudiesontheBarkof *Buteamonosperma*plant from ThrissurDistrict, Kerala, *J.Chem.Bio.Phy.Sci.* 5(2), 2207-2211, 2015.
 4. **Mity Thambi** and *et al*, Physico-chemical characteristics of ground water samples from different areas of Thrissur district, Kerala state, India, *International Journal of Environment*, 4(2), 182-192, 2015.
 5. **MityThambi**,TomCherian,Phytochemicalinvestigationofthebarkof*Strychnos-nux-vomica* anditsantimicrobialproperties,*ThePharmaInnovationJournal* ,4(5),70-72, 2015.
 6. **MityThambi**,TomCherian,Pesticidalpropertiesontheleafextractsof*Strychnos-nux-vomica* plant,*JournalofInnovationsinPharmaceuticalandBiologicalSciences*,2(3),266-272,2015.
 7. **MityThambi**,TomCherian,Pesticidalactivityoftheleavesof*Manihotesculenta*againstthe pest *Sitophilus oryzae* ,*The Pharma Innovation Journal* , 4(6), 15-18, 2015.
 8. **Mity Thambi**, Tom Cherian and *et al*, A preliminary study on larvicidal efficacy of three traditional medicinal plants against dengue vector, *Aedes aegypti*, *International Journal of Current Research* 7(7),18406-18409,2015.
 9. Subburaj M, **MityThambi**,Mahesh G,Physico-Chemical Analysis ofKorapuzhaRiverand Estuaries, *Journal of Shipping and Ocean Engineering*, 5 , 131-135, 2015.
 10. **Mity Thambi** andShafiP.M ,Rhizome essential oil composition of *Zingiber cernuum* and its antimicrobialactivity,*InternationalJournalofPharmaceuticalSciencesandResearch*,7,829- 833, 2016.
 11. **MityThambi**,TomCherian,Pesticidalactivityoftheleavesof*Manihotesculenta*againstthe pest*Triboliumcastaneum*,*WorldJournalofPharmaceuticalandMedicalResearch*,31,286- 290, 2017.
 12. **MityThambi**,TomCherianPhytochemicalinvestigationoftheleavesof *Gliricidia sepium* and its antimicrobial properties,8(7), 594-596,2019.
 13. **Mity Thambi**, Phytochemistry in cancer treatment, *International Journal of Indian Dental Association*, 11(4), 25-28, 2010.
 14. **MityThambietal.**,Compositionandantimicrobialactivitesoftheessentialoilfrom*Eugenia uniflora* L. leaves growing in India *Int J Pharm Biomed Sci*, 24(1), 46-49,2013.
 15. *Studies on pesticidal efficacy of the plant-Calotropis procera against stored grain pest- Sitophilus oryzae* Baselius Researcher,21,109-116, 2020.
 - 16.**MityThambietal**, A review on *Annona Glabra*-A mangrove plant, Baselius Researcher,20,113-115,2019.

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17. **MityThambi***et al* Phytochemical investigation on the bark of Butea monosperma plant and its antimicrobial activity, Baseliu Researcher, 20, 85-89, 2019.

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PARTICIPATIONININTERNATIONALLEVELCONFERENCES

1. Studies on Physico-chemical parameters of ground water samples collected from different areas of Thrissur district, Kerala, India Geology: Emerging Methods and Applications, Dept. of Geology & Environmental Science, Christ College, Irinjalakuda, 6th-8thFeb. 2017.
2. Conversion of 6-Acetyl dihydrochelerythrine to chelerythrine and evaluation of chelerythrine for its anticancer property on selected cell lines” New Horizon’s in Chemistry 5-6, September 2013, PG and Research Department of Chemistry, St. Joseph’s College , Irinjalakuda.
3. Composition of ethyl acetate extract of the bark of *Strychnos-nux-vomica* and its antimicrobial properties, EFCS 2019,PG and Research Department of Chemistry, Farook College, Kozhikode.
4. Composition of Zingiber cernuum essential oil and its biological properties, PPCS 2021, Christ University, Banglore.
5. Composition of ethyl acetate extract of the bark of *Strychnos-nux-vomica* and its antimicrobial properties , PPCS 2020, Christ University , Banglore.
6. Development and evaluation of novel beta-diketonates as potential antiangiogenic agents by inhibition of MMP9:A computational and experimental approach., 2023, Malaysia

PARTICIPATIONINNATIONALLEVEL CONFERENCES

1. Rhizome essential oil composition of *Costus speciosus* and its biological propertiesCurrent Trends in Chemistry, Christ College, Irinjalakuda. 14th & 15th Oct. 2014.
2. Phytochemical studies on the Bark ofButea mono-sperma plant from Thrissur District,KeralaAdvanced Topicsin Chemistry,Sree Narayana College,Nattika. 19th & 20th Aug. 2015
3. Phytochemical investigations of the leaves of *Gliricidia sepium* and its antimicrobial properties Emerging Trends in Chemical Research, Dept.of Chemistry, Christ College, Irinjalakuda. 28thFeb. & 1st March2017.
4. Phytochemical investigation of the leaves of *Manihot esculanta* and its antimicrobial properties, NWTFT-2017, 14-16 November 2017, Department of Chemistry, KKTM Govt. College, Pullut, Thrissur.

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5. Influence of *Curcuma aeruginosa* essential oil on germination of green gram Kerala Science Congress, 28-31, January 2014, Kerala Veterinary and Animal Sciences , Wayanad , Kerala.
6. Composition and antimicrobial activities of the essential oil from *Mikania scandens* leaves growing in India” Emerging Developments in Chemistry, 10- 11, January 2013, PG Department of Chemistry, Little Flower College , Guruvayoor.
7. Rhizome essential oil composition of *Zingiber cernuum* and *Costus speciosus* and its biological properties” UGC sponsored National seminar on “ Modern trends in organic chemistry” 23-24, February 2012, Department of Chemistry, Baselius College , Kottayam.
8. Lemongrass essential oil as a natural pesticide of *Necrobium foveatum*, the dry fish pest” National Conference on Advances in Organic and Physical Chemistry (AOP Chem-2012), 22-23 March 2012, Department of Chemistry University of Calicut.
9. Composition and antimicrobial activities of the essential oil from *Eugenia uniflora* L. leaves growing in India” Molecular Spectroscopy, 21-22, November 2012, Department of Chemistry, Govt. Arts and Science, Kozhikode.
10. Regional variation in the essential oil composition of *Eugenia uniflora* L. leaves “Frontier areas of chemistry, 5-6, December 2012, Department of Polymer Chemistry, MES Keveeyem college , Valanchery.
11. Rhizome essential oil Composition of *Zingiber cernuum* and its Antimicrobial activity, EFCS 2020, Farook College. Kozhikode.
12. Bioactive compounds in *Glycosmis pentaphylla* leaf extract: phytochemical analysis and antimicrobial studies EFCI 2024, Department of Chemistry and Centre for Research, Baselius College, Kottayam.

BOOKS PUBLISHED

Sl. No	Title	Author's Name	Publisher	Year of Publication
1.	Rhizome essential oil composition of <i>Zingiber cernuum</i> and <i>Costus speciosus</i> and its antimicrobial properties.	Mity Thambi,	Lambert Academic Publishing, Germany. ISBN No. 978-3-330-04468-5.	2017

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2.	Engineering Chemistry, First Edition- May 2015,	Mity Thambi,	Black Dot Publications, Vadapalani, Chennai-26, India. ISBN No. 978-81- 927942-6-6.	2015
3	A Text Book of Engineering Chemistry, Sixth Revised Edition, July 2015,	Mity Thambi and <i>etal</i> ,	Orbit Publishers & Distributors, Ernakulam, Kerala, India. ISBN No. 13-978-81-932112-0- 5	2015
4	New Approach to Experiments in Chemistry.	Mity Thambi, and et al	University Science Press, Laxmi Publications Pvt. Ltd, New Delhi ISBN No. 978-93-86035-53-0	2016
5	A Text Book of Engineering Chemistry, Sixth Revised Edition, July 2019	Mity Thambi and <i>etal</i> ,	Orbit Publishers & Distributors, Ernakulam, Kerala, India. ISBN No. 13-978-81-932112-0- 5	2019
6	Natural product experiments in drug discovery(Book Chapter pp 505-520	Mity Thambi	Springer ISBN 978-1-0716- 2682-5	2022
7	Futuristic Trends in Chemical Material Sciences & Nano Technology Volume 3 Book 14	Mity Thambi and etal	IIP series ISBN	2024

DETAILS OF RESEARCH GUIDESHIP

Centre of Research: Chemistry

Number of Scholars under supervision : 2

Name of the scholar	Full time/Part Time	Status- Awarded (with year)/submitted/ work in Progress/ etc.
Smt. Jinu Mathew	Part Time	Work in Progress
Smt. Jabia Kurian	Part Time	Work in Progress