



# St Thomas College, Kozhencherry

Established in 1953 | Reaccredited by NAAC with Grade A | ISO 9001:2015 Certified | ISO 21001:2018 Certified

Affiliated to Mahatma Gandhi University, Kottayam

[www.stthomascollege.info](http://www.stthomascollege.info)

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## Faculty Profile

### Dr. Lini K Mathew

Assistant Professor

Department of Botany

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### Personal Details

Date of Birth	31/05/1985
Nationality	Indian
Marital Status	Married
Permanent Address	Nedumpurathu House, Ahiyidathuhira P.O., Thiruvalla, PIN: 689113, Pathanamthitta, Kerala, India.

### Higher Education

2017	Ph.D In Botany, MG University.
2008-2009	M. Phil. in Environmental Science, S.B. College, Changanacherry.
2007-2008	B.Ed. Natural Science, Sree Vivekananda Training College.
2005-2007	M.Sc. Botany, St. Thomas College, Kozhencherry.
2002-2005	B.Sc. Botany, Mar Thoma College, Chungathara, Nilmbur.

### Professional Position

11 March 2020 to present	Assistant Professor, Department of Botany, St Thomas College, Kozhencherry
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### Teaching Experience

2018 – 2023	Undergraduate students
	Postgraduate students

### Courses Taught

M.Sc	Mycology
	Angiosperm Taxonomy
	Environmental Science

## Courses Taught (continued)

- Plant Breeding, Horticulture
- B.Sc ■ Angiosperm Taxonomy
- Reproductive Botany
- Environmental Science

## Professional Service Rendered

- March 2021 till date ■ Executive Member, PTA, St. Thomas College, Kozhencherry
- AY 2021-'22 to AY 2022-'23 ■ Committee Member, Exam Cell, St. Thomas College, Kozhencherry
- AY 2021-'22 ■ Coordinator, Botany Association, St. Thomas College, Kozhencherry
- AY 2021-'23 ■ Coordinator, Campus Beautification, St. Thomas College, Kozhencherry
- AY 2022-'23 ■ Coordinator, Vidhya Vanam Project (Social Forestry Wing, Dept. of Forests and Wildlife, Govt. of Kerala), St. Thomas College, Kozhencherry
- AY 2018-'23 ■ Additional Examiner, M.Sc and B.Sc. Degree Examinations (Theory and Practical) held under Mahatma Gandhi University, Kottayam
- AY 2019-'21 ■ Member, Biodiversity Monitoring Cell, Thiruvalla Municipality, Pathanamthitta

## Professional Membership and Activities

- AY 2015-'16 ■ Member of Indian Science Congress Association, Kolkatta (Plant Science – A951)

## Awards and Achievements

- 2016-'17 ■ Awarded endowment prize from Mar Thoma College, Thiruvalla during the years for publishing research papers in International Journals
- 2021-'22 ■ Malankara Orthodox Syrian Church Merit Award

## Research Experience

- **Research Scholar**, Topic : “Diversity and Distribution of Black Mildew Causing Fungi in Shen-durunny Wildlife Sanctuary, Kerala”, sponsored by UGC, Govt. of India, New Delhi Institution: Mar Thoma College, Thiruvalla (Mahatma Gandhi University, Kottayam)  
**Area of Research:**, Follicolous Fungal Taxonomy

## Areas of Specialization and Interest

- Fungal Taxonomy
- Plant Tissue Culture
- Environmental Science

## Research Publications

- **Fascinating World of Chemistry.**  
Lini K. Mathew, Wizmag Scienc Plus, 1(1): pp. 385-386, 2013.

## Research Publications (continued)

- **Biochemical changes in the *Lawsonia inermis* L. infected with *Asterina lawsoniae* Henn. and Nyn.**  
Jacob Thomas and Lini K. Mathew. Current Research in Environmental and Applied Mycology 4 (2): 217–220, 2014. ISSN 2229-2225
- ***Schiffnerula dioscoriae* sp. nov. from Malabar Wildlife Sanctuary, Kerala.**  
Neeta N. Nair, Lini K. Mathew and Swapna S. Current Research in Environmental and Applied Mycology 5(1), 16–19, 2015. ISSN 2229-2225
- **Addition of new *Staphylotrichum indicum* species in fungal diversity of aeromycoflora of Thaluk Hospital, Thiruvalla, Pathanamthitta district of Kerala, India.**  
Neeta N. Nair, Swapna S. and Lini K. Mathew. Journal of Chemical and Pharmaceutical Research, 7(9):1-3 2015. ISSN : 0975-7384.
- ***Balladyna celastri* – A New Fungal Species from Malabar Wildlife Sanctuary in Kerala State, India.**  
Lini K Mathew, Neeta N. Nair and Swapna.S, Rational Discourse 21(1): 17 – 10, 2015. ISSN (0972-2955).
- **Aeromycoflora in Hospital Environment of Ranni Pathanamthitta District, Kerala, India.**  
Swapna S, Neeta N. Nair and Lini K Mathew, Rational Discourse 21(1): 66 – 72, 2015. ISSN (0972-2955).
- **Diversity of aeromycoflora in hospital environment of Adoor Pathanamthitta district, Kerala, India.**  
Swapna.S, .Neeta N. Nair and Lini K Mathew, International Journal of Multidisciplinary Research Review, 1 (1). 277 – 280, 2016. ISSN -2395-1877
- ***Cirsosia humboldtigena* sp. nov. (Lembosiaceae, Ascomycetes) on *Humboldtia vahliana* from Kerala, India.**  
Lini K. Mathew, Neeta N. Nair and Swapna S. Plant Pathology and Quarantine 7(1), 60–63, 2017. (ISSN 2229-2217) Doi 10.5943/ppq/7/1/7
- ***Amazonia atlanticicola* sp. nov. (Ascomycetes, Meliolales) from Malabar Wildlife Sanctuary in Kerala State, India.**  
Lini K. Mathew, Neeta N. Nair and Swapna S., Studies in Fungi 2(1), 14–16, 2017. Doi 10.5943/sif/2/1/2, (ISSN 2465-4973)
- **A modified digital formula as identification tool for thyriothecaceous foliicolous fungi and their anamorphs.**  
Lini K. Mathew, Neeta N. Nair, Jacob Thomas, Swapna S., Plant Pathology and Quarantine 8(1), 53–56, 2018. (ISSN 2229-2217) Doi 10.5943/ppq/8/1/7
- **A New Black Mildew Fungi (*Meliola cyamopsidis* sp. nov., Ascomycetes, Meliolales) From Malabar Wildlife Sanctuary, India.**  
Lini K. Mathew . J New Biol Rep 8(2): 27-30, 2019
- ***Meliola elaeocarpicola* sp. nov. (Ascomycetes, Meliolales) from Malabar Wildlife Sanctuary in Kerala State, India.**  
Lini K. Mathew and Jacob Thomas, Journal of Threatened Taxa 12(5): 15671–15674, 2020. ISSN 0974-7907
- ***Marthomamyces* gen. nov. (Asterinales, Lembosiaceae) from Southern Western Ghats, India.**  
Lini K. Mathew, Jacob Thomas and Neeta N. Nair, Asian Journal of Mycology 4(2): 35–41, 2021. Doi 10.5943/ajom/4/2/4
- ***Meliola crotalariae* sp. nov. (Ascomycetes, Meliolales) from Malabar Wildlife Sanctuary in Kerala State, India.**  
Lini K. Mathew, Asian Journal of Mycology 5(2): 59–69, 2022. ISSN 2651-1339.

## Book Publications

■ **Meliolaceous fungi in Malabar Wildlife Sanctuary**

Lini K. Mathew, International Research Institute for Science and Publications, Kerala, 2018. ISBN : 978-81-939487-0-5

■ **Asterinaceous fungi in Malabar Wildlife Sanctuary**

Lini K. Mathew, International Research Institute for Science and Publications, Kerala, 2018. ISBN : 978-81-939487-1-2

■ **Shiffnerulaceous fungi in Malabar Wildlife Sanctuary**

Lini K. Mathew, International Research Institute for Science and Publications, Kerala, 2018. ISBN : 978-81-939487-2-9

■ **Black Mildew fungi in Shendhurany Wildlife Sanctuary**

Jacob Thomas and Lini K. Mathew, International Research Institute for Science and Publications, Kerala, 2020. ISBN : 978-81-939487-3-6

■ **Fungi and Forest: Importance of Tropical Rainforests in Western Ghats**

Jacob Thomas and Lini K. Mathew, in Western Ghats – from Ecology to Economy, (Ed. Shanavas P.H., Sumesh A.K and Harish P.M.) 2016, Educreation Publishing, New Delhi, Pp. 60-68 (ISBN: 9789385247583)

## Project Guidance

- M.Sc ■ **Archa Devi G. Lal**, *Black Mildew Fungal Infection on Selected Trees in St. Thomas College, Kozhencherry* (2019-21 Batch)
- **Amrutha S.**, *Morpho-Taxonomic Studies and New Locality Documentation of Ixora johnsonii Hook. f. - A Critically Endangered and Endemic Plant in Kerala* (2020-22 Batch)
- **Vidhya Ramachandran**, *Natural Dye Extraction from Leaves of Alternanthera dentata (Moench) Stuchlik ex. R.E.Fr. and Tectona grandis Linn. f and Application on Cotton and Wool* (2020-22 Batch)
- B.Sc ■ **Raji Rajan, Nirupama Raj, Sruthi Jayachandran, Arathy Krishnan R.**, *Detection of Adulteration in Milk* (2018-21 Batch)
- **Aiswarya Shaji, Bhagyaasree, MP Sreelekshmi**, *Black Mildew Causing Fungi in Mananachira Kavu, Pathanamthitta District* (2019-22 Batch)

## Faculty Development Programmes Attended

- 01-04-2020 to 30-04-2020 ■ Geopascal Applications for Disaster Risk Management (Track 1)  
ISRO, Govt. of India; CSSTEAP, United Nations; United Nations Office for Outer Space Affairs, UN, Geneva.
- 01-05-2020 to 31-05-2020 ■ Geopascal Applications for Disaster Risk Management (Track 2)  
ISRO, Govt. of India; CSSTEAP, United Nations; United Nations Office for Outer Space Affairs, UN, Geneva.
- 17-21, August 2020 ■ Five days Faculty Development Programme, by PG Department of Chemistry of Vimala College (Autonomous), Thrissur (DBT, Govt. of India Programme).
- 1-9-2021 to 6-9-2021 ■ one week online FDP on Learning Management System (Moodle) and Course Designing, Kerala State Higher Education Commission.
- 18-5-2021 to 17-6-2021 ■ 4-Week Induction/Orientation Programme, Teaching Learning Centre, Ramanujan College University of Delhi.
- 27-01-2022 to 16-02-2022 ■ Three week online Certificate Course on Mushroom Cultivation, Kerala Agricultural University, Vellanikara, Thrissur.

## Recent Seminars/ Conferences/ Workshops Attended

16th July 2020	Webinar on 'Outcome Based Education', organized by the Internal Quality Assurance Cell, St. Thomas College, Kozhencherry, in association with Kerala State Higher Education Council
25th September 2020	Webinar on 'Intellectual Property Rights: An Overview', organized by Internal Quality Assurance Cell, St Thomas College, Kozhencherry
9th October 2020	Community Extension Training Programme on 'Organic Vegetable Cultivation, organized by PG and Research Department of Botany, Mar Thoma College, Tiruvalla
27th October 2020	One Day Seminar "Discovering the Emotionally Intelligent Teacher Within You: The Journey Towards Emotopia", organized by St. Thomas College, Kozhencherry, Kerala, India
6th November 2020	"National Webinar on Research Methodology", organized by Botany Association, PG and Research Department of Botany, St Thomas College, Kozhencherry
22nd March, 2021	"International Webinar entitled "Synthetic Biology in Natural Product Drug Discovery", organized by Post Graduate and Research Department of Botany, St. Thomas College, Kozhencherry, Kerala, India
6th June 2021	"National Webinar on "Google Scholar And Google Books For Higher Education And Research", organized by College Library, Sree Sankara Vidyapeetom College, Valayanchirangara, Ernakulam, Kerala, India
5th June 2021	"Webinar on Impact of Covid 19 on the Environment", organized by Department of Zoology in association with Nature club and Bhoomithrasena, Government Arts and Science College Elanthoor
14th December, 2021	One Day Seminar "Research Methodology in Life Sciences", organized by Post Graduate and Research Department of Botany, St. Thomas College, Kozhencherry, Kerala, India
20th July, 2022	"One Day Training Programme on National Intellectual Property Awareness Mission", organized by Intellectual Property Office, India

## Recent Seminar/Conferences/Workshops Organized

- Coordinator, "Karshakamithra - Community Extension Programme" 15-7-2021 jointly organised by Department of Botany, St. Thomas College, Kozhencherry and Central Integrated Pest Management Centre (CIPMC), Ernakulam for the benefit of the farmers residing in Kozhencherry Panchayat.
- Coordinator, Seminar on "Research Methodology in Life Sciences" 14-12-2021, organised by Department of Botany, St. Thomas College, Kozhencherry
- Coordinator, Skill Development Training Programme - 2021 18-12-2021 organised by Department of Botany, St. Thomas College, Kozhencherry
- Coordinator, Vegetos - 2022 25-03-2022, jointly organised by Department of Botany, St. Thomas College, Kozhencherry and Spices Board, Kochi offered services and activities for the benefit of the farmers who engaged cultivation and trade of spices residing in Pathanamthitta District.

## Recent Seminar/Conferences/Workshops Organized (continued)

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- Coordinator, National Science Day Celebrations - 2022 28-02-2022  
organised by Department of Botany, St. Thomas College, Kozhencherry

## Skills

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Languages known      English, Malayalam.