



# 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

### Sheemole M S

Guest Faculty

Department of Botany

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## Personal Details

Date of Birth	25.05.1983
Nationality	Indian
Marital Status	Married
Permanent Address	Sarvamangalam, Thattayil, Parakkara P.O. Pathanamthitta, Kerala

## Higher Education

2000 – 2003	<b>B.Sc Botany</b> , Mar Thoma College, Thiruvalla
2003 – 2005	<b>M.Sc Botany</b> , St. Thomas College, Kozhencherry
2005 – 2006	<b>B.Ed Natural Science</b> , NSS Hindu College, Changanacherry
2007 – 2008	<b>Mphil</b> , St. Berchmans college, Changanacherry

## Professional Position

19 September 2017 to present	<b>Guest faculty, Department of Botany, St Thomas College, Kozhencherry</b>
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## Teaching Experience




2008 – 2010	<b>Mar Thoma College Thiruvalla</b>
2017 – present	<b>St. Thomas College Kozhencherry</b>

## Courses Taught

M.Sc	<b>Pteridology</b>
	<b>Plant Pathology</b>
	<b>Microtechnique</b>
	<b>Plant Physiology</b>



## Courses Taught (continued)

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- B.Sc      Cell Biology, Biophysics  
          Bryology, Pteridology, Anatomy  
          Phycology, Gymnosperms



## Professional Service Rendered

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- 2021      Program Co-ordinator Vegetos.  
2018      Resource Person: Biospark Extension Programme


## Awards and Achievements

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- March 2017      PhD  
May 2007      Qualified State Eligibility Test





## Research Experience

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- 2010-2017      **Research Scholar**, Postgraduate and Research Department of Botany, SB College, Changanacherry, affiliated to Mahatma Gandhi University Kottayam.

## Areas of Specialization and Interest

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- MSc      Plant Pathology, Plant Physiology, Microtechnique **Pteridophytes, Tissue culture**  
BSc      Plant Physiology, Bryology, Pteridology, Plant Anatomy **Biotechnology and Microtechnique**  
          **Cell Biology, Pteridophytes**  
          **Bryology, Pteridology, Anatomy**



## Research Publications

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- 2022 Preliminary Pharmacognostical and Phytochemical analysis of Fruits of *Momordica charantia* var. *muricata*. Sheemole

## Paper Presentations

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- 2014      **Ethnobotanical studies of *Benincasa hispida* and *Momordica charantia* var *charantia* and var *muricata*, *Coccinia grandis* among some selected tribes of Idukki district.** National Seminar on Ethnobotany and Plant Genetic Resource management . Department of Botany Baselius College, Kottayam  
16-17 December 2014.
- 2013      **Systematic and Pharmacognostic study of *Coccinia grandis* Fruit.** International Conference on Plant Biosystematics, Department of Botany, Kottayam  
22-24 January 2013.

## Project Guidance

- M.Sc
- **Amrutha S.**, *Phytochemical analysis of nutraceutical ly important fruit Aegle marmelos(L.)Correa.* (2016-2018 Batch)
  - **Anila A.G.**, *Preliminary Phytochemical Analysis and Antibacterial activity of fruits of Physalis minima Linn* (2017-2019 Batch)
  - **Anjana A.S.**, *Preliminary phytochemical Analysis and Antibacterial Activity of fruits of Solanum torvum Linn* (2017-2019 Batch)
  - **Athira V.S.**, *Organoleptic and Preliminary Phytochemical Analysis of Leaves of Drynaria quercifolia* (2018-2020 Batch)
  - **Rinsu Elsa Thomas**, *Organoleptic and Preliminary phytochemical analysis of leaves of Pteris vittata* (2018-2020 Batch)
  - **Megha Madhu Kumar**, *A study of Microscopic details of Trichomes and Stomata in selected members of family Cucurbitaceae* (2019-2021)
  - **Akhila. A.s**, *Comparative study of Trichome and Stomata of selected plant species in the family Lamiaceae and Verbinaceae* (2020-2022 Batch)
- B.Sc
- **Reshma R, Neethu Jose, Siji A**, *Study of Stelar Structural Variations in Some Pteridophytes* (2015-2018 Batch)
  - **Aleema A, Arya K. Madhu, Athira T. Madhu, Nihara Elizabeth Ajith, Sooraj. S. Nair**, *Preliminary phytochemical analysis, organoleptic and anatomical study of leaves of Adiantum latifolium Lam and Hemionities arifolia (Brum.)Moore* (2017-2020 Batch)
  - **Anugraha Mariam Mathew, Ashna .s, Athira M, Soumya .S.**, *Comparative study of Anomalous secondary Thickening in stem of some selected Dicotyledons* (2018-2021 Batch)
  - **Adhithya . T.A, Fathima Reji, Harsha Hari**, *Comparative study of Nodal Anatomy of a few selected medicinally important plants* (2019-2022 Batch)

## Recent Seminars/ Conferences/ Workshops Attended

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|-----------------------|---|
| 20 July 2022          | ■ Intellectual Property Awareness training program organized by Intellectual Property Office.                                       |
| 31 July-1 August 2021 | ■ Webinar on Higher Education and Cyberspace organized by Mar Thoma Higher Education Commission.                                    |
| 20 August 2020        | ■ Webinar on Tools for recording and editing videos for online teaching organized by UC College, Aluva.                             |
| 27 July 2020          | ■ Webinar on Understanding and Combating sexual harassment, St. Thomas College Kozhencherry.  |
| 16 July 2020          | ■ Webinar on Outcome based Education, St. Thomas College Kozhencherry.  |
| 22 July 2022          | ■ Webinar on 'When COVID infects the mind', IQAC, St. Thomas College Kozhencherry.  |
|                       | ■ Webinar on' Discovering the emotionally intelligent teacher within you, St. Thomas College Kozhencherry.                          |
| 22 March 2021         | ■ International webinar on Synthetic Biology in natural product drug discovery, Botany Department, St. Thomas College Kozhencherry. |
| 6 November 2020       | ■ National webinar on Research Methodology, Department of Botany, St. Thomas College Kozhencherry                                   |
| 30 September 2020     | ■ Webinar on Magical world of Botanical Illustration, St. Berchmans College Changanacherry.   |

## Recent Seminars/ Conferences/ Workshops Attended (continued)

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| 21 August 2020 | ■ Webinar on Molecular Diagnostic Platforms through chemistry, biology and nanotechnology, University of Kerala. |
| 24 August 2020 | ■ Webinar on Environmental Impact Assessment: Past, Present and Future, Baselius College, Kottayam               |

## Skills

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Languages known     ■ English, Malayalam,