



# 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

### Kala K

Guest Faculty

Department of Botany

Mobile No. +91 9961418839

✉ [gkalak@stthomascollege.info](mailto:gkalak@stthomascollege.info)



### Personal Details

Date of Birth	23.09.1983
Nationality	Indian
Marital Status	Married
Permanent Address	Oonnukallumkal House, Puthusserry South PO: 689602, Mallappally, Pathanamthitta, Kerala, India.

### Higher Education

2010 – 2017	<b>P.hD Botany</b> , Mahatma Gandhi University, Kottayam.
2007 – 2008	<b>M.Phil Botany</b> , S. B College, Changancherry. Affiliated to Mahatma Gandhi University, Kottayam.
2004 – 2006	<b>M.Sc Botany</b> , P.S.G.R. Krishnammal College for Women, Coimbatore.
2001 – 2004	<b>B.Sc Botany</b> , Providence College for Women, Coonoor.

### Professional Position

27 November 2017 to present	<b>Guest Faculty, Department of Botany, St Thomas College, Kozhencherry</b>
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### Teaching Experience

12.09.2022 – present	<b>Postgraduate and Undergraduate students</b>
8.11.2021 – 28.03.2022	<b>Undergraduate students</b>
09.11.2020 – 28.03.2021	<b>Postgraduate and Undergraduate students</b>
10.06.2019 – 12.03.2020	<b>Postgraduate and Undergraduate students</b>
24.07.2018 – 29.03.2019	<b>Postgraduate and Undergraduate students</b>
27.11.2017 – 28.03.2018	<b>Postgraduate and Undergraduate students</b>

## **Courses Taught**

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- M.Sc
- **Gymnosperms and Paleobotany**
  - **Molecular Biology**
  - **Reproductive Botany**
- B.Sc
- **Methodology of Science an Introduction to Botany**
  - **Mycology and Lichenology**
  - **Gymnosperms and Paleobotany**
  - **Research Methodology**
  - **Biostatistics**
  - **Biochemistry**
  - **PGR**

## **Professional Service Rendered**

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- 2020 - 2021
- Co - cordinator "Vegetos 2020"
  - Cordinator, Department Seminar on Human rights
- 2017 onwards
- Additional Examiner, B.Sc. Degree Examinations held under Mahatma Gandhi University, Kottayam
  - Internal Examiner, B.Sc. Degree Practical Examinations held under Mahatma Gandhi University, Kottayam
  - Skilled Assistant, B.Sc. Degree Practical Examinations held under Mahatma Gandhi University, Kottayam

## **Other Important Responsibilities/Positions Held**

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## **Social Responsibilities Held**

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## **International Assignments and Experiences**

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## **Professional Membership and Activities**

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## **Awards and Achievements**

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- April 2004
- **Second Rank, B.Sc. Botany under Bharathiyar University, Coimbatore**

## Research Experience

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- **Research Scholar (Full time)**, Postgraduate and Research Department of Botany, S B College, Changanacherry, affiliated to Mahatma Gandhi University, Kottayam. (from 2010 - 2017)  
Guide: Dr V T Antony, Former Head & Associate Professor, S B College, Changanacherry  
Area of Research: Nutraceuticals and Pharmacognosy

## Areas of Specialization and Interest

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- **Phytochemistry**
- **Nutraceutical study**

## Research Publications

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- **Syzygium cumini (Linn.) Skeels and Syzygium caryophyllatum (Linn) Alston, plants of Myrtaceae - its ethnobotanical use among four tribal groups of South Kerala.**  
Kala K and V. T. Antony. International Journal of Creative Research Thoughts, Vol. 9, No. 5, 1571 - 1575, 2021. ISSN 2320-2882
- **Analysis of Bioactive compounds present in Syzygium caryophyllatum (L.) Alston fruit.**  
Kala K, V.T.Antony, Sheemole M.S and Asha Saji. International Journal of Pharmaceutical Science Review and Research, 42, 36 (1), 239-243, 2016. ISSN 0976-044X
- **Phytochemical Analysis of Bnincasa hispida (Thunb.)Cogn. fruit Using LC -MS technique.**  
Sheemole M S, V. T. Antony, Kala K and Asha Saji. International Journal of Pharmaceutical Science Review and Research, 43, 36 (1), 244-248, 2016. ISSN 0976-044X.

## Web Articles

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## Popular Articles

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## Paper Presentations

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- **Qualitative analysis of phytochemicals present in leaves of Moringa oleifera (Lam.).** 21st Swadeshi Science Congress, Kollam. 7th - 9th November 2011.
- **Comparative study of flavonoids in some selected nutraceuticals.** National Symposium on Biopharmaceutical technology, Department of Biotechnology Engineering, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur. 9th January 2012.
- **Ethnobotanical uses of Syzygium cumini (Linn.) Skeels and Syzygium caryophyllatum (Linn.) Alston among four tribal groups of South Kerala.** National Seminar on Ethnobotany and Plant genetic resource management, Department of Botany, Baselius College, Kottayam. 16th-17th December 2014.

## Minor Research Project

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## Project Guidance

- M.Sc
- **Jeril Mammen Daniel**, *Phytochemical screening and study on the nutraceuticals aspect of Dioscorea esculenta (Lour.) Burkil* (2016-2018 Batch)
  - **Haritha Reji**, *Ethnobotanical study of plants used for the treatment of gynaecological disorders by three tribal communities in two panchayats of Idukki district* (2017-2019 Batch)
  - **Riya Mathew**, *Ethnobotanical study of plants used for treatment of urogenital disorders by three tribal communities of two panchayats of Idukki district* (2017-2019 Batch)
  - **Beulah Liz Vijayan**, *Comparative phytochemical analysis and antimicrobial activity of Achyranthus aspera L. and Alternanthera tenellacolla (Amaranthaceae)* (2018-2020 Batch)
  - **Rohini R Nair**, *Comparative phytochemical analysis and antimicrobial activity of Melastoma malabatricum L. and Osbeckia octandra (L.)* (2018-2020 Batch)
  - **Suchitra S**, *Comparative study of stomatal indices of selected plants belonging to Asteraceae* (2019-2021 Batch)
  - **Fathima M**, *Study of pollen morphology, micrometry and pollen viability of selected plants belonging to Verbenaceae and Lamiaceae* (2020-2022 Batch)
- B.Sc
- **Beulah Liz Vijayan, Aswathy A L, Rajeswari E.V**, *Comparative study of stomatal indices of selected plants belonging to Rutaceae* (2015-2018 Batch)
  - **Archa Devi G. Lal, Ajmiya mol P. A, Anjali Balan, Karthika Venugopal**, *Preliminary phytochemical and antibacterial study of leaf extract of Ayapana tripilinervis (Vahl.) R. M King and H. Rob and Ageratum conyzoids (L.)* (2016- 2019 Batch)
  - **Abiya Mariam Varughese, Adithya Gopal, Anjali Chandrabose, Souparnika V Nair, Sruthy Saji**, *Priliminary phytochemical study of leaf extract of Achyranthus aspera Linn. and Cyathula prostrata (Linn.) Blume* (2017-2020 Batch)
  - **Abhirami Devaraj, Ann Sheba Charly, Sumi S Dev, Vishnu M S**, *Comparative study of stomatal indices of selected plants belonging to Convolvulaceae* (2018-2021 Batch)
  - **Anchu, Aksa Thomas, Kavya M Das, Anju C Raveendran**, *Pollen morphological studies of some selected plants beonging to family Asteraceae* (2019-2022 Batch) %entry\*[B.Sc]

## Recent Seminars/ Conferences/ Workshops Attended

- 14.09.2021 - 18.09.2021
- Institutional Online Training Programme on 'Moodle', organized by St. Thomas College, Kozhencherry in association with Kerala State Higher Education Council.
- 2019 - 2020
- Oyster and Milky Mushroom cultivation and Spawn Production, Department of Botany, St. Thomas College, Kozhencherry.
- 23 - 25 January 2014
- National workshop on Statistical data analysis using SPSS and R, organized by Department of Mathematics, Basilius College, Kottayam

## Recent Seminar/Conferences/Workshops Organized

### Invited Talks


## Media Discussions

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## Skills

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Languages known  English, Malayalam, Tamil, Hindi.