



# 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

### Mr. Job Liyo

Assistant Professor

Department of Zoology

Mobile No. +91 984XXXXX69

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



## Personal Details

Date of Birth	26.03.1994
Nationality	Indian
Marital Status	Married
Permanent Address	Koodaram, Pazhanji P.O, Thrissur, Kerala - 680542.

## Higher Education

2012 – 2017 **Integrated M.Sc Life Sciences**, Central University of Tamil Nadu, Thiruvavur.

## Professional Position

05 June 2018 to 06 July 2018	<b>Lecturer, Department of Zoology, Vimala College (Autonomous), Thrissur</b>
06 June 2019 to till date	<b>Assistant Professor, Department of Zoology, St Thomas College, Kozhencherry</b>

## Teaching Experience

2019 – 2023	<b>Undergraduate students</b>
	<b>Postgraduate students</b>

## Courses Taught

M.Sc	<b>Biochemistry</b>
	<b>Biostatistics and Research Methodology</b>
	<b>Field Ecology</b>
	<b>Genetics and Bioinformatics</b>
	<b>Microbiology and Biotechnology</b>

## Courses Taught (continued)

	Cell and Molecular Biology
	Biophysics, Instrumentation and Biological Techniques
	Immunology
	Fishery Science
B.Sc	Human Physiology, Biochemistry and Endocrinology
	Evolution, Ethology and Zoogeography
	Cell Biology and Genetics
	Microbiology and Immunology
	Occupational Zoology
	Non Chordate Diversity
	Chordate Diversity
	Physiology and Immunology
	Applied Zoology
	Nutrition, Health and Lifestyle Management (Elective Course)
	Public Health and Nutrition (Open Course)

## Professional Service Rendered

AY 2022-'23	Staff Advisor - College Magazine
2021 till date	NAAC Department Co-ordinator
AY 2021-'22 till date	Convenor, Go Green Santhome Cell
	Committee Member, Digicol Implementation Committee
	Committee Member, ASAP
	Committee Member, UBA
AY 2020-'21	Committee Member, NIRF
	Committee Member, Tutorial and Mentoring Committee
	Committee Member, Brains Trust Committee
AY 2020-'21 to AY 2021-'22	Committee Member, Campus Beautification Committee
AY 2019-'20 to AY 2021-'22	Course Co-ordinator, Certificate Course in 'Ornamental Fish Culture and Aquarium Management' offered by Post Graduate and Research Department of Zoology, St. Thomas College, Kozhencherry.
AY 2019-'20	Committee Member, Walk with the Scholar Programme
	Committee Member, Go Green Santhome Cell
8-9 December 2022	Co-convenor, National Seminar on Research Methodology in Life Sciences: Trends and Innovations, organized by the Department of Zoology and sponsored by KSCSTE, Thiruvananthapuram.
AY 2019-'20 till date	Additional Examiner, B.Sc. and M.Sc. Degree Theory Examinations held under Mahatma Gandhi University, Kottayam.
	External Examiner, B.Sc. and M.Sc. Degree Practical Examinations held under Mahatma Gandhi University, Kottayam.

## Other Important Responsibilities/Positions Held

- Participated in the Question Bank Upgradation Initiative of Mahatma Gandhi University, Kottayam and contributed to the Question Bank of Ist to IVth Semester PG CSS Zoology Programme.

## Social Responsibilities Held

## International Assignments and Experiences

## Professional Membership and Activities

- Member, Zoological Society of Kerala, Kottayam.

## Awards and Achievements

- December 2017
  - 53rd Rank, CSIR-JRF NET
  - Cleared JGEEBILS-2017 held by TIFR, Mumbai
- January 2018
  - Qualified GATE 2018
- June 2018
  - 43rd Rank, CSIR-NET
- December 2018
  - Qualified ASRB NET 2018 (Lectureship) held by ASRB and ICAR
- April 2017
  - First Rank, Department of Life Sciences, Central University of Tamilnadu
- 2012-2017
  - INSPIRE Scholarship sponsored by the Department of Science and Technology

## Research Experience

- 31st June 2018 - 30th November 2018
  - Research Scholar**, Department of Biochemistry and Molecular Biology, Pondicherry University
- 31st December 2018 - 31st May 2019
  - Research Scholar**, Molecular Reproduction, Development and Genetics, IISc, Bangalore

## Areas of Specialization and Interest

- Molecular Biology**
- Cancer Genomics**
- Entomology**

## Research Publications

- Status of commercial shrimp, *Fenneropenaeus indicus* (Indian Prawn) from Puthiyappa harbor, Kozhikode, Kerala with respect to consumer safety.**  
Rini Joseph, Job Liyo, Deepthi M.P, Jijo George, Dr. Chitra. G. International Journal of Advanced Research, Vol. 6(8), 676-681, 2018. ISSN: 2320-5407
- A comparative study on the effect of different leaf substrates on Earthworm (*Perionyx excavatus*) reproduction and vermicompost quality.**  
Rini Joseph, Job Liyo. RECHERCHE - A DIGEST OF MULTIDICIPLINARY EXPLORATIONS (PEER REVIEWED) - Insightin Publica Printers and Publishers Pvt. Ltd, 63-78, 2021. ISBN 978-93-91343-03-3.

## Web Articles

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## Popular Articles

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## Paper Presentations

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- **Status of commercial shrimp, *Fenneropenaeus indicus* (Indian Prawn) from Puthiyappa harbor, Kozhikode, Kerala with respect to consumer safety.** 106th Indian Science Congress. Lovely Professional University, Jalandhar. 03rd - 07th January 2019.

## Minor Research Project

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## Project Guidance

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- M.Sc
- **Alka M Saju**, *PHYTOCHEMICAL SCREENING AND EVALUATION OF ANTIMICROBIAL ACTIVITY OF *Phyllanthus niruri*, *Eclipta alba*, *Boerhaavia diffusa*, *Aegle marmelos* AND *Centella asiatica* (2018-20 Batch)*
  - **Jibin Kochumon**, *DIVERSITY STUDY OF BIRDS FROM 2 AREAS - KOZHENCCHERRY TB JN. AND PANNIVELICHIRA OF PATHANAMTHITTA DISTRICT, KERALA (2018-20 Batch)*
  - **Silpa K Revi**, *DIVERSITY STUDY OF SPIDER FAUNA (ARANEAE: ARACHNIDA) IN ERUMELY SOUTH PANCHAYATH, KOTTAYAM DISTRICT, KERALA (2019-21 Batch)*
  - **Sherin K Raju**, *DIVERSITY OF BUTTERFLY FAUNA IN VELIYAM VILLAGE IN KOLLAM DISTRICT OF KERALA (2019-21 Batch)*
  - **Jubi Jacob**, *OXIDATIVE STRESS AND HORMONAL RESPONSES OF A FRESH WATER MURREL, *Channa striatus* (Bloch, 1793) TO AN ENDOCRINE DISRUPTING CHEMICAL, BISPHE-NOL S (2020-22 Batch)*
  - **Sandra Dinesh P V**, *A COMPARATIVE STUDY ON NUTRITIONAL VALUE IN COMMER-CIALLY IMPORTANT FRESH WATER AND MARINE EDIBLE FISHES OF KERALA (2020-22 Batch)*
- B.Sc
- **Anjlai S Nair**, *PHYTOCHEMICAL SCREENING OF *Zingiber officinale* AND *Hibiscus rosa-sinensis* (2017-20 Batch)*
  - **Ganga Manoj**, *PHYTOCHEMICAL SCREENING OF *Tridax procumbens* AND *Curcuma longa* (2017-20 Batch)*
  - **Kishore M K**, *A COMPARATIVE STUDY ON THE EFFECT OF ALCOHOL ON BLOOD CO-AGULATION IN ALCOHOLICS AND NON-ALCOHOLICS (2017-20 Batch)*
  - **Nripan Nath**, *A COMPARATIVE STUDY ON THE EFFECT OF SMOKING ON BLOOD CO-AGULATION IN SMOKERS AND NON-SMOKERS (2017-20 Batch)*
  - **Anu Mary George**, *AN INVESTIGATION INTO THE PREVALENCE OF TUBERCULOSIS (2018-21 Batch)*
  - **Fathima P K**, *AN INVESTIGATION INTO THE PREVALENCE OF THYROID DISEASE IN PREGNANCY (2018-21 Batch)*
  - **Joel Mathew**, *AN INVESTIGATION ON THE EFFECT OF SMOKING ON BLOOD COAGU-LATION TIME (2018-2021 Batch)*
  - **Sayoojya Vinod**, *AN INVESTIGATION INTO THE PREVALENCE OF PEPTIC ULCER: THE PAST AND CURRENT SCENARIO (2018-21 Batch)*

## Project Guidance (continued)

- **Sneha Rajan**, *AN INVESTIGATION INTO THE PREVALENCE OF VIRAL HEPATITIS B: THE PAST AND CURRENT SCENARIO* (2018-21 Batch)
- **Abhijith S Nair**, *MORPHOSPECIES STUDY OF SPIDER FAUNA (ARANEAE:ARACHNIDA) IN DIFFERENT VEGETATIONS OF THOTTAPUZHASHERRY PANCHAYATH, PATHANAMTHITTA DISTRICT* (2019-22 Batch)
- **Ashly Johnson**, *DIVERSITY OF BUTTERFLY FAUNA IN MUNICIPALITY WARD 1 OF PATHANAMTHITTA DISTRICT OF KERALA* (2019-22 Batch)
- **Drisya Renjan**, *A SURVEY BASED COMPARATIVE STUDY ON IMPACT OF POST COVID ISSUES IN PEOPLE OF DIFFERENT AGES* (2019-22 Batch)
- **Lathi Prasad**, *STUDY ON DIVERSITY OF SPIDER FAUNA (ARANEAE: ARACHNIDA) IN THOTTAPUZHASHERRY PANCHAYATH, PATHANAMTHITTA DISTRICT* (2019-22 Batch)
- **Surya Surendran**, *A LITERATURE REVIEW ON COVID-19 PANDEMIC* (2019-22 Batch)

## Faculty Development Programmes Attended

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|----------------------------------|---|
| 28 February 2022 - 29 March 2022 | ■ Orientation Course, UGC-HRDC, University of Kerala, Thiruvananthapuram.   |
| 01 June 2020 - 30 June 2020      | ■ Short Term Course in E-Teaching with Learning Management Systems, The All Kerala Private College Teachers' Association, Thiruvananthapuram. |

## Recent Seminars/ Conferences/ Workshops Attended

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|---------------------------|---|
| 27 October 2018           | ■ Workshop on Animal Experimentation, organized by Central Animal House Facility, Pondicherry University.   |
| 24 - 26 October 2018      | ■ Workshop on IT Skills for Scholars, organized by UGC-Human Resource Development Centre, Pondicherry University.   |
| 04 July 2019              | ■ Seminar on Wetland Conservation and wise Management, organized by the Pampa Parirakshana Samithy and Post Graduate and Research Department of Zoology, St. Thomas College Kozhencherry. |
| 12 June 2020              | ■ Webinar on Insights of new Human invader - SARS-COV <sub>2</sub> , organized by Department of Microbiology, School of Life Sciences, VELS, Pallavaram, Chennai.                         |
| 24 June 2020              | ■ Webinar on Worldwide Opportunities for Biological Sciences, organized by Department of Biochemistry, Kongunadu Arts and Science College, Coimbatore.                                    |
| 24 August- 27 August 2020 | ■ Webinar on Gender bias and stereotyping, Gender equality and Women's right, Mahatma Gandhi University, Kottayam, School of Pedagogical Sciences.  |
| 29 August 2020            | ■ Webinar on Recent trends in Life Sciences, Department of Biochemistry and SFS Centre for Biotechnology, St. Francis de Sales College, Nagpur.   |
| 05 November 2020          | ■ Seminar on Project Proposal and Project Funding, organized by IQAC in association with KSHEC, St. Thomas College, Kozhencherry.   |
| 14 June 2021              | ■ Webinar on Clinical Cytogenetics: Chromosomes to Genomics, conducted by Post Graduate and Research Department of Zoology and IQAC, St. Thomas College, Kozhencherry.                    |

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

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|-------------------|---|--|
| 22 February 2022  | ■ | Webinar on Research Career Orientation for Biology Students, conducted by Post Graduate and Research Department of Zoology and IQAC, St. Thomas College, Kozhencherry.                 |
| 25 February 2022  | ■ | Webinar on Research Methodology - Research Article Writing and Publications, conducted by Post Graduate and Research Department of Zoology and IQAC, St. Thomas College, Kozhencherry. |
| 22 September 2022 | ■ | Workshop on Techniques and Methodologies in Fishery Biology organized by Post Graduate and Research Department of Zoology, St. Thomas College, Kozhencherry.                           |

## Recent Seminar/Conferences/Workshops Organized

- Coordinator, Webinar on "Clinical Cytogenetics: Chromosomes to Genomics," by Post Graduate and Research Department of Zoology and IQAC, St. Thomas College, Kozhencherry on 14th June 2021.
- Coordinator, Webinar on "Research Career Orientation for Biology Students" by Post Graduate and Research Department of Zoology and IQAC, St. Thomas College, Kozhencherry on 22nd February 2022.
- Coordinator, Webinar on "Research Methodology - Research Article Writing and Publications," by Post Graduate and Research Department of Zoology and IQAC, St. Thomas College, Kozhencherry on 25th February 2022.
- Coordinator, Workshop on "Techniques and Methodologies in Fishery Biology," by Post Graduate and Research Department of Zoology, St. Thomas College, Kozhencherry on 22nd September 2022.
- Co-Convenor, National Seminar on Research Methodology in Life Sciences: Trends and Innovations (RMLS-2022), organized by Post Graduate and Research Department of Zoology, St. Thomas College, Kozhencherry and sponsored by KSCSTE, Thiruvananthapuram on 8th - 9th December 2022.

## Invited Talks

- Resource Person, CAREER SERIES - INTERACTIVE SESSIONS organized by Department of Zoology and Botany, St Stephen's College, Uzhavoor, 02nd October 2021.
- Quiz Master, INTERCOLLEGIATE QUIZ COMPETITION organized by the Dept of Zoology, Catholicate College, Pathanamthitta in observance of International Tiger Day, 27th July 2022.

## Media Discussions

## Community Service

## Skills

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|----------------------------|---|--|
| Languages known            | ■ | English, Malayalam, Tamil.   |
| Advanced Laboratory skills | ■ | NMR spectroscopy techniques, Cell culture techniques, Laboratory Animal handling |