


## MAR IVANIOS COLLEGE (AUTONOMOUS)

### FACULTY PROFILE

|   |   |                  |  |
|---|---|------------------|--|
| NAME  | Dr. SUSAN KURIAN  |                  |  |
| DEPARTMENT  | ZOOLOGY   |                  |  |
| DESIGNATION   | ASSISTANT PROFESSOR   |                  |  |
| ADDRESS   | TC 13/2682(1), CKRA 5A, Chencherry-Kurunkulum Road, Mannanthala P.O., Thiruvananthapuram. 695015.   |                  |  |
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| ACADEMIC QUALIFICATIONS<br>(with name of degree awarding University)  | <ul style="list-style-type: none"> <li>• M.Sc.(Zoology)</li> <li>• B.Ed.</li> <li>• Ph.D</li> </ul>   |                  |  |
| TEACHING EXPERIENCE   | LEVEL   | YEARS OF SERVICE | INSTITUTION  |
|   | Plus Two  | 5 Years          | M.M.A.R. School, Chenganoor                          |
|   | B.Sc  | 10 Years         | St.John's College, Anchal. Mar Ivanios College, TVM. |
|   | M.Sc  | 6 Years          | St.John's College, Anchal. Mar Ivanios College, TVM. |
| SPECIALIZATION  |   |                  |  |
| PUBLICATIONS/<br>PARTICIPATION IN SEMINARS/ CONFERENCES ETC (Please attach a separate detailed list with titles of papers, names of conferences, etc) |   | INTERNATIONAL    | NATIONAL   |
|   | NO. OF RESEARCH PAPERS IN JOURNALS  |                  | 5  |
|   | NO. OF PUBLICATIONS IN CONFERENCE PROCEEDINGS   | 3                | 6  |
|   | NO. OF CONFERENCES PARTICIPATED IN  | 6                | 10   |
| PROJECTS  |   |                  |  |
| DETAILS OF RESEARCH SUPERVISION   | NO OF STUDENTS AWARDED PHD:<br>NO. OF STUDENTS WITH SUBMITTED DISSERTATIONS:<br>NO. OF CURRENT STUDENTS:                                    |                  |  |
| HONOURS AND AWARDS  |   |                  |  |
| POSTS HELD  |   |                  |  |
| ANY OTHER INFORMATION   |   |                  |  |
| PHOTO (Please copy and paste the photograph you would like to have as your profile image)   |    |                  |  |

## ***JOURNAL PUBLICATIONS***

- Kurian, S., Joseph, L., & Josekumar, V. S.** (2018). Phytochemical evaluation, cytotoxicity screening, and *in vitro* free radical scavenging activity of the leaf petiole of *Artocarpus heterophyllus* Lam. (Family: Moraceae). *Journal pharmacy Research*, 12(4), 455-460.
- Kurian, S., Joseph, L., & Josekumar, V. S.** (2018). Phytochemical evaluation, GC-MS analysis and antimicrobial activity of the leaves petiole of *Artocarpus heterophyllus* Lam. *Asian Journal of Pharmacy and Pharmacology*, 4(3), 280-287.
- Kurian, S., Joseph, L., & Josekumar, V. S.** (2017). Phytochemical screening, antimicrobial activity and brine shrimp lethality bioassay of different extracts of *Alysicarpus vaginalis* var. *nummularifolius* (DC.) MIQ. (Family: Fabaceae). *Int J Pharm Pharm Sci*, 1, 166-171.
- Kurian, S., Joseph, L., & Josekumar, V. S.** (2017). Phytochemical analysis and *in vitro* free radical scavenging activity of successive extracts of *Alysicarpus vaginalis* var. *Nummularifolius* (dc.) Miq. *Int J Pharm Pharm Sci*, 9, 231-234.
- Kurian, S.** (2013) Impact of Chemical Fertilizers on certain haematological aspects of *Anabus testudines* (Bloch). *Journal of Basic and Applied Biology* .7(3), 21-24,ISSN No.0973-8207.

## ***PAPER PRESENTATIONS***

- Susan Kurian, Leenamma Joseph & Josekumar V.S.** *In-vitro* cytotoxicity assay, antioxidant screening and hepatoprotective activity of successive extracts of *Alysicarpus vaginalis nummularifolius* (DC.) Miq. International Symposium on converging technologies for human welfare: Biotechnology, Nanotechnology and Information Technology Concept to Common Life. July 2019. Department of Biotechnology, Mar Ivanios College, Thiruvananthapuram.
- Susan Kurian, Josekumar V.S. & Leenamma Joseph.** Phytochemical screening, cytotoxic activity and *in-vitro* free radical scavenging activity of the leaf petiole of *Artocarpus heterophyllus* Lam. International Conference on Advances in Degenerative Diseases and Molecular interventions. November, 2017. Society of Research on Degenerative diseases, Thiruvananthapuram.

- Susan Kurian**, Josekumar V.S. & Leenamma Joseph. *In-vitro* cytotoxicity screening of *Alysicarpus vaginalis* var. *nummularifolius* (dc.) Miq on L929 cell lines. International seminar on New Frontiers in Cytogenetics and XIII Conference of the society of Cytologist and Geneticists. December 15-17, 2016, Thiruvananthapuram, Kerala.
- Susan Kurian**, Josekumar V.S. & Leenamma Joseph. Genotoxicity screening of successive extracts of *Alysicarpus vaginalis* var. *nummularifolius* (dc.) Miq. Proceedings of 29<sup>th</sup> Kerala Science Congress, 28-30 January, 2017. Genomics in Health and Disease, Thiruvalla, Kerala.
- Susan Kurian**, Leenamma Joseph, Josekumar V.S. Phytochemical analysis and *in vitro* free radical scavenging activity of successive extracts of *Alysicarpus vaginalis* var. *nummularifolius* (DC.) miq. Innopharm @. 2<sup>nd</sup> International Conference on Bridging Innovations in Pharmaceutical, Medical and Biosciences. Bhopal 5, M.P. 11-12 February, 2017. ISSN -0975-1491.
- Susan Kurian**. Length-Weight Relationship and condition factor of *Etroplus suratensis* (Bloch) from Vembanadu Lake and Ashtamudi Lake in Kerala. *Proceedings of UGC Sponsored National Seminar on Threat Status & Biodiversity of Fish Fauna of Western Ghats, Iqbal College ,Peringamala.*(2015).
- Susan Kurian**. Vermicomposting –Low Input Basis Technology to Convert Waste into Value added Biofertilizer. *Proceedings UGC Sponsored National Seminar on Resent Trends and Challenges in Environmental Biotechnology. S.N. College, Punalur* (2014).
- Susan Kurian**. Human life & Human Rights. *UGC Sponsored National Seminar on Human Rights in the Era of Information Technology. St.John's College, Anchal* (2013).
- Susan Kurian**. Impact of Chemical Fertilizers on certain haematological aspects of *Anabus testudines* (Bloch) (2013). International Seminar on Advances in Aquaculture Technologies, All Saints College, Thiruvananthapuram.
- Susan Kurian**. Comparative studies on the Physico-Chemical properties of soil in cultivated and Barren Paddy Fields with reference to seasons. *Proceedings of UGC Sponsored National Seminar on Recent trends and Future Prospect of Biodiversity and Conservation .S.N.College, Punalur.* (2012).
- Susan Kurian**. Vermicomposting of vegetable waste and *Macaranga paltata*, a green manure,using epigeic earthworm-*Eudrilus euginae*. *Proceedings of UGC Sponsored*

*National Seminar on Waste Management with special reference to Vermiculture and Vermicompost. Iqbal College, Peringamala.(2012).*

**Susan Kurian.** Fertilizer stress on certain haematological and physiological aspects of *Anabus testudineus (bloch)*.UGC Sponsored National Seminar on Emerging Trends in Biodiversity Conservation and Sustainable Management. Christian College, Chenganoor. (2012)

## **WOKSHOPS ATTENDED**

- International Training Workshop on In-vitro Toxicology: Concepts and Practice with emphasis on Hepatotoxicity enter toxicity and Multiple Organ Toxicity with IdMOC. Department of Zoology, University of Kerala, Thiruvananthapuram. (9<sup>th</sup>-12<sup>th</sup> December 2019).
- Course in Principles and Applications of Wild- Field and Confocal Microscopy/Image analysis and Living cell Imaging. Global Initiative of Academic Networks & Department of Zoology, University of Kerala. (27<sup>th</sup> Feb to 4<sup>th</sup> March 2017).
- Training programme in Laboratory Animal Handling, Sree Chitra Thirunal Institute for Medical Sciences & Technology Biomedical Technology Wing, Poojappura, Thiruvananthapuram.(26<sup>th</sup> December to 31<sup>st</sup> Dec 2016).
- UGC Sponsored National Workshop on Animal Cell Culture and Cytogenetics, Mar Ivanios College,TVM.(2015).
- UGC Sponsored Two Day National Workshop on Toward Formulating Best Classroom Practices in teaching learning and evaluation, Mar Ivanios College, TVM. (2015).
- Ten Days' Training Program on Gene Expression Analysis, Kerala Agriculture University. (2014).
- National Workshop on Thesis Writing Skills & SPSS. Christ University Nodal Office, TVM (2013).
- Workshop on Virtual Labs in Biotechnology, Amrita Vishwa Vidyapeetham University. (2012).
- Two Day Seminar on Recent Advances in Biological Sciences. Govt. College for Women, TVM. (2011).
- Two Day Workshop on Unified Methodology. St. Stephen's College, Pathanapuram.(2010).