

MRS. SHRUTHI S.

Lecturer

Department of PG Studies in Applied Zoology

Alva's College

Moodubidire - 574 227

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**Education:**

Sl. No.	Qualification	Year of passing	University/ Board	Marks obtained (%)
1	Ph.D. (Pursuing) Thesis title: "Studies on the genoprotective effects of Septilin and gallic acid in Swiss albino mice and evaluation of their cytotoxic effects on MCF-7 cells".	Submitted Thesis – December 2018	Department of Applied Zoology, Mangalore University, Konaje, Mangalagangothri.	-
2	Ph.D. Course work in Applied Zoology	2013	Mangalore University, Konaje, Mangalagangothri.	77.00
3	M.Sc. in Biotechnology	2010	Kuvempu University, Shankarghatta, Shivamogga	78.57
4	B.Sc. (Biotechnology, Chemistry, Zoology)	2008	Sahyadri Science College, Kuvempu University, Shivamogga	75.92
5	Second PUC (PCMB),	2005	Department of Pre-University Education, Government of Karnataka,	62.8
6	S.S.L.C	2003	Karnataka Secondary Education Examination Board	63.2

Professional Experience:**Teaching experience: 5 years**

1. Lecturer: Since June - 2016
Department of PG Studies in Applied Zoology
Alva's College, Moodubidire - 574 227
2. Lecturer: Dec 2010 - Jan 2013
Department of Biotechnology
Sri Bhuvanendra College, Karkala - 574 104

Research experience: 4 years

1. UGC-BSR Research fellow (JRF): 3 years
2. UGC-BSR Research fellow (SRF): 1 year
Department of Applied Zoology
Mangalore University, Mangalagangothri - 574 199

Research activities:

- Publications in peer reviewed National/ International Journals: 03
- Publications in conference proceedings: 02
- Paper presentations: 08

Papers published in peer-reviewed journals:

1. **Shruthi, S.** and Shenoy, K.B. (2018), Genoprotective effects of gallic acid against cisplatin induced genotoxicity in bone marrow cells of mice. *Toxicology Research*, 7: 951-958 (Impact factor: 1.890).
2. **Shruthi, S.,** Vijayalaxmi, K. K. and Shenoy, K.B. (2018), Immunomodulatory effects of gallic acid against cyclophosphamide- and cisplatin-induced immunosuppression in Swiss albino mice. *Indian Journal of Pharmaceutical Sciences*, 80(1): 150-160 (Impact factor: 0.679).
3. **Shruthi, S.** and Vijayalaxmi, K.K. (2016), Antigenotoxic effects of a polyherbal drug septilin against the genotoxicity of cyclophosphamide in mice. *Toxicology Reports*, 3: 563-571 (Impact factor: 0.58).

Publications in conference proceedings:

1. Shilika S., **Shruthi S.,** Vati K.K., Ganesh, S and Vijayalaxmi K.K. (2015), Histological and haematological changes induced by e-beam radiation and their restoration by Piper species in Swiss albino mice. Proceedings of the 20th National symposium on radiation physics organised by Centre of Advanced Research in Environmental Radioactivity (CARER), Mangalore University, ISBN: 978-93-82845-96-6, RPNI-36, pp: 704-705.
2. Shilika S., Vati K.K., **Shruthi S.,** Ganesh, S and Vijayalaxmi K.K. (2015), Protective effects of solvent extract/fractions from *Piper betle* and *Piper nigrum* against radiation sickness and behavioural changes in Swiss albino mice. Proceedings of the 20th National symposium on radiation physics organised by Centre of Advanced Research in Environmental Radioactivity (CARER), Mangalore University, ISBN: 978-93-82845-96-6, RPNI-35, pp: 702-703.

Papers presented in National/International conferences:

1. **Shruthi S.** and K. Bhasker Shenoy ‘Protective effects of Septilin against cisplatin induced hepatic and testicular toxicity in mice’ in International conference on ‘Affordable Strategies for Health and Environment’ held during 23rd-24th May 2019 in N.M.A.M. Institute of Technology, Nitte, AH-10.
2. **Shruthi S.** and K. Bhasker Shenoy ‘Protective effects of gallic acid against cyclophosphamide induced testicular damage in Swiss albino mice’ in National conference on “Secondary metabolites and Health Care” organized by Department of Biotechnology in association with Karnataka Pollution Control Board, Alva’s College, Moodbidri on 23rd February 2019, PP-19.
3. **Shruthi S.,** B.S. S. Rao and K. Bhasker Shenoy, ‘Effects of septilin and cisplatin on MCF-7 and MCF-10A cell lines’ in International conference on ‘Recent Vistas in Science and Technology and its Relevance to Biological Sciences’ organized by Department of Biotechnology, Alva’s College, Moodbidri on 2nd March 2018, PP-58.
4. **Shruthi S.** and K. Bhasker Shenoy, ‘Immunopotentiating activities of septilin against cyclophosphamide induced immunosuppression in Swiss albino mice’ in International Conference on Advances in Disease Management for Human Disease organized by Gulbarga University, Kalaburagi from 21-23rd November 2017, MHPP-17.
5. **Shruthi, S.** and K. Bhasker Shenoy, ‘Hepatoprotective effects of gallic acid against cyclophosphamide induced oxidative damage in mice’ in National conference on “Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy/health and Environment organized by Mangalore University (8-9th September 2017), Mangalore, P-62.
6. **Shruthi S.,** K.K. Vijayalaxmi, and K. Bhasker Shenoy, ‘Protective effect of gallic acid against cisplatin induced micronucleus in bone marrow cells of mice’ in International conference on Advances in Cellular, Genomic and Epigenomic Insights on Environmental mutagenesis and Health organized by School of Life Sciences, Manipal University, Manipal from 27-29th January 2017, P-36.
7. **Shruthi S.,** K.K. Vijayalaxmi and K. Bhasker Shenoy, ‘Evaluation of antioxidant activity of septilin against cisplatin induced hepatotoxicity in mice’ in National conference on “Current trends in Drug, Discovery and Development organized by Department of Biotechnology, Alva’s College, Moodbidri on 23rd February 2017, PP-24.

8. **Shruthi S.** and K.K. Vijayalaxmi ‘Immunomodulatory effects of gallic acid against cyclophosphamide and cisplatin induced immunosuppression in Swiss albino mice’ in National Conference on Natural Bioactive Compounds and Potential Effects on Health organized by St. Aloysius College (Autonomous), Mangalore (27th January 2017), OP-7.
9. **Shruthi S.** and K.K. Vijayalaxmi ‘Genoprotective and antioxidant effects of a polyherbal drug, septilin in mouse *in vivo* system’ in National Conference on Recent Advances in Animal Sciences, organized by Department of Applied Zoology, Mangalore University from 13-15th February 2015, OP-42.

Achievements:

- Cleared Karnataka State Lectureship Eligibility Test (KSET) held on December 2018.
- Presented a paper (poster) entitled ‘Protective effects of gallic acid against cyclophosphamide induced testicular damage in Swiss albino mice’ and won the ‘**Best paper award**’ (**First prize**) in One day National Conference on ‘Secondary Metabolites & Healthcare’ at Alva’s College, Moodubidire on 23rd February 2019 organized by Department of Biotechnology in association with Karnataka State Pollution Control Board, Mangalore.
- Presented a paper (poster) entitled ‘Evaluation of Antioxidant activity of Septilin against Cisplatin induced Hepatotoxicity in mice’ and won the **Second prize (Best paper award)** in One day National Conference on ‘Current trends in Drug Discovery, Design and Development’ at Alva’s College, Moodubidire on 23rd February 2017 organized by Department of Biotechnology in association with Karnataka State Pollution Control Board, Bangalore.

Conferences / Seminars/Workshops/ Trainings attended:-

1. Lake 2018: “Conference on conservation and sustainable management of Riverine ecosystems” organized by Energy & Wetlands Research group, CES, IISc, Bengaluru and Alva’s education foundation in Alva’s College, Moodubidire during 22nd to 24th November 2018.
2. National Symposium on Current trends in Ornithology and conservation of Birds in India” on 4th September 2018 organized by St. Aloysius College (autonomous), Mangaluru.
3. Pre-Lake workshop on “Neighbourhood mapping of Biodiversity” organized by Alva’s education foundation and Energy & Wetlands Research group, CES, IISc, Bengaluru on 21st and 22nd August 2018.

4. "Workshop on methods in anatomy and animal preservation" organized by the Department of Applied Zoology, Mangalore University, Mangalagangothri from 13th -14th March 2018.
5. Two days Workshop on "Soil and Biodiversity" held during 6th and 7th March, 2018 conducted by Alva's Institute of Engineering and Technology and Alva's Degree College, in association with Regional Remote Sensing Center South- ISRO Bangalore, Govt. of India.
6. Sustainable management of global water resources: Need and challenges organized by Alva's education foundation and Energy & wetland research group- CES, IISC, Bengaluru on 23rd February 2018.
7. "Workshop on Biodiversity assessment" organized by Department of Applied Zoology, Mangalore University, Mangalagangothri on 17-18th March 2017.
8. "Genomic instability and Human Diseases" organized by Department of Applied Zoology, Mangalore University, Mangalagangothri on 30th January 2017.
9. Lake 2016: International Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats, The 10th Biennial Lake Conference organized jointly by Energy and Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru, Alva's College and Alva's Institute of Engineering and Technology, Moodbidri held during 28th-31st December, 2016 at Dr. V. S. Acharya Auditorium, Alva's College, Moodbidri.
10. "Zoo taxonomy" Organized by Department of Applied Zoology, Mangalore University, Mangalagangothri from 28-29th March, 2016.
11. "Emerging targets and biomarkers in cancer therapy" organized by Centre for Application of Radioisotopes and Radiation Technology (CAART), Mangalore University, Mangalagangothri from 16-18th May 2016.
12. "Genomics in clinical practice: Future of precision medicine" organized by Yenepoya Research Centre, Yenepoya University, Mangalore from 1-2nd June 2016.
13. "Emerging Vistas in Plant Sciences" organized by Department of Applied Botany, at Alva's College, Moodbidri from 29th to 30th November 2016.
14. Training on *in vitro* animal cell culture techniques, cell line maintenance, subculture, cryopreservation of cells at KMC, Manipal Life Sciences Centre, Manipal University in December 2015.
15. 'Biological Diversity Act-2002' and Interaction Meeting of Bioresource Users in Research, organized by Mangalore University under the auspices of Karnataka

Biodiversity Board, Department of Forest, Ecology and Environment- Govt. of Karnataka, on 31st January 2015 at Mangalagangothri.

16. "Basics of flow cytometry and genetic toxicology organized by school of life sciences", Manipal University, Manipal, from 11-16th December, 2014.
17. "Human cytogenetics and genetic toxicology" organized by school of life sciences" Manipal University, Manipal, on 10th December, 2014.
18. "Indian cow breeds-current perspective and conservation programme" conducted on 28th November 2014 organized by Department of Applied Zoology, Mangalore University.
19. Participated on 4th National Pre-Conference Workshop of "SOBSICON 2014" organized by The Department of Studies and Research in Biochemistry, Mangalore University, PG Centre, Chikka Aluvara, Kodagu District on "Recent Advances in Research Methodologies in Biological Sciences" on 17th November 2014 at Mangalore University, Mangalagangothri.
20. Workshop and an Exhibition of "Molluscs Shells" held at Ravindra Kala Bhavana, University College, Mangalore, on 28th February to 2nd March 2014.
21. "Wildlife photography current trends and techniques" conducted on 23 March 2013 organized by Department of Applied Zoology, Mangalore University.
22. Participated in the Academy College Teachers Convention - 2012 held on 30th December at Bhandarkars Arts and Science College, Kundapura.
23. "Perspectives of Biotechnology in Health and Industry" organized by Department of Biotechnology, Alva's College, Moodbidri on 24th and 25th February 2012 at Sundari Ananda Campus, Moodbidri.
24. "Current Scenario in biofuels technology" on 20th of December, 2011 organized by Department of Biotechnology Engineering, NMAM Institute of Technology, Nitte.
25. Participated in the AGE CT CONVENTION-2011 held at Sri Bhuvanendra College, Karkala on 18th December 2011.

Shruthi S.