

RESUME



Dr.N.S. Sridevi

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Education:

Qualification	Institute /University	Year	Percentage
Ph.D.	Avinashilingam Institute for Higher Education for Women, Deemed University, Coimbatore	2020	-
M.Phil. Biochemistry	Avinashilingam Institute for Higher Education for Women, Coimbatore	2001	60.25
M.Sc. Biochemistry	Avinashilingam Institute for Higher Education for Women, Coimbatore	1999	72.15
B.Sc. Biochemistry	Government Arts College for Women, Krishnagiri	1997	74

Experience

Working as Guest Lecturer in Department of Biochemistry, from July 2005 to till date in Government Arts College for women, Krishnagiri.

Guided 45 MSc students for their project work from 2008 onwards up to 2016 and up to 2021.

Research work: Ph.D. thesis entitled

In vitro and In Silico Studies on the Antibiofilm and Antiquorum Sensing Activities of *Chlorella vulgaris* and *Spirulina platensis*.

M.Sc. Dissertation: Efficacy of Phytoremediation and Enzymic activities of Water Hyacinth grown in Zinc electroplating effluent.

M.Phil. Dissertation: Rearing *Cyprinus carpio* in Textile processing plant effluent.

Area of Specialization: Antibiofilm and Antiquorum activities of Freshwater algae, Phytoremediation.

Conference attended

- ❖ Participated and presented poster entitled “An in-vitro antibiofilm activity of *Chlorella vulgaris*” in the International Conference on Microalgal and Cyanobacterial Biotechnology, organized by National Facility for Marine Cyanobacteria, Bharathidasan University from 29th to 31st Aug 2016.
- ❖ Participated and as Part time Ph.D. Scholar presented a poster titled “Identification of Bacterial Quorum sensing inhibitors from alkaloids of *Spirogyra hyaline* and design of e-Pharmacophore models” in the National Conference on Microbial Biofilms at SASTRA University, Thanjavur during 29-30th Jan 2016.
- ❖ Participated and presented poster in the International Technical Workshop on Biofilm Biology to Drug Development on Sept 2-3, 2016 organized by Centre for Research in Infectious Diseases at Sastra University, Thanjavur.
- ❖ Participated and presented a topic on “Phytochemical analysis of freshwater algae *Chlorella vulgaris* and *Spirulina platensis* and its antibiofilm activity” in International conference on Herbal and National Components as the Future of Pharmacology and 7th Annual Meet of the National Society of Ethno pharmacology at Avinashilingam University, Coimbatore.
- ❖ Participated in the State Level Workshop on Bioinformatics tools and Applications from 23-25, 2015 held in Department of Biochemistry GACW, Krishnagiri.

Oral presentation

Participated and presented a paper on "Comparative studies on antibiofilm activity of *Chlorella vulgaris* and *Spirulina platensis*" in International Conference on Herbal and National Components as the Future of Pharmacology and 7th Annual Meet of the National Society of Ethno pharmacology at Avinashilingam University, Coimbatore.

Papers published

- “Phytochemical analysis of freshwater algae *Chlorella vulgaris* and *Spirulina platensis* and its antibiofilm activity”, Proceedings of International Conference on “Herbal and Natural Components as the Future of Pharmacology”, 2017, pp.477-480.
- “An In-Vitro Antibiofilm Activity of *Chlorella Vulgaris*” in Asian Journal of Pharmaceutical and Clinical Research, 2019, 12(8):19.
- “An In-Vitro Antibiofilm Activity of *Spirulina platensis* ”in International Journal of Biological and Chemical Research, 2019, 36(1):114-119.

Personal Details:

Name: Dr. N. S. Sridevi

Qualification: MSc. M.Phil., Ph.D.

DOB: 22/11/1974

Nationality: Indian, Hindu

Languages Known: Tamil and English.