



Name Dr. S. L. Sasikala M.Sc.,M.Phil.,Ph.D
Designation Asso. Professor
Department/Center Center for Marine Science & Technology

Educational Qualifications (Chronologically Reversal)

Ph.D	1989	University of Madras	Continued Ph.D with CSIR-JRF & SRF. Thesis highly commended
M.Phil	1984	University of Madras	I Class - Awarded with CSIR Fellowship selected through National level exams
M.Sc	1982	Presidency College, Madras	I Class - Recipient of National Merit Scholarship
Cert. in Germany	1987	University of Madras	I Class
Dip. in French	1986	University of Madras	II Class
Dip. In Comp. appln.	1993	COSTED, Madras	I Class

Academic Affiliations

July.1999 - Till Date	Reader, M. S. University, K. K. District
July.1995 - June 1999	Senior Lecturer, M. S. University, K. K. District
Nov.1993 - June 1995	Lecturer, M. S. University, K. K. District
Dec.1991 - Nov. 1993	Principal Investigator, Young Scientist Project, New Delhi
Jul. 1990 - Dec. 1991	Research Associate, UGC, New Delhi
Apr.1990 - Jun. 1990	Guest Scientist, SETC Fellow, Tokyo, Japan

Professional Affiliations

Membership in Professional Societies

- Member, Indian Society of Invertebrate Reproduction
- Life Member of Society of Reproductive Biology & Comparative Endocrinology
- Full Member of Asian Fisheries Society, Philippines.
- Member of World Aquaculture Society, USA
- Member of Indian Society of Crustacean Biology.
- Member of Seaweed Research and Utilization Association Society
- Member of Indian Society of Life Sciences, Kanpur

Membership in University Committees :

- Member, Board of studies, M. S. University
- University Representative for FIP candidates selection, VOC College, Tuticorin (2004)
- Chairman – Valuation Committee, M.Sc Biotechnology, M.S.University (2007-2009)
- Chairman – Examination and Valuation Committee, M.Sc and M.Phil Marine Biotechnology, M.Sc and M.Phil Microbiology and M.Phil Coastal Aquaculture (2008-2009)
- Chairman, M.Phil Board of studies, M. S. University (2007-2009)
- Appointed as University Representative under Sec.83(d) of the Tmil nadu Private Collegs Act 1976 for the Collegd committees for a period up to 22/3/2008 – DeviKumari College, Kuzhithurai
- Appointed as University Representative under Sec.83(d) of the Tmil nadu Private Collegs Act 1976 for the College committees for a period up to 22/3/2011 – Sarah Tucker College, Tirunelveli

Reviewer in International Journals

- Reviewer of the International Journal “AQUACULTURE”
- Reviewer of the International “ENDOCRINE SOCIETY JOURNALS”
- Reviewer of the International Journal “HUMAN REPRODUCTION UPDATE”
- Reviewer of International Journal “AFRICAN JOURNAL OF PHARMACY AND PHARMACOLOGY”
- Reviewer of International journal of “RESEARCH IN PHARMACEUTICAL SCIENCES”

Training and Consultancy

Refresher courses conducted

- Refresher course on “ Advanced Technologies in Coastal Aquaculture ” for College teachers from 25th Feb to 21th March 2002 sponsored by UGC, New Delhi. **Course Coordinator – Dr. S.L. Sasikala**
- UGC Sponsored Refresher Course on “Conservation of Biodiversity in Marine and Coastal Ecosystem – a multidisciplinary approach” from 1st – 21st March 2004. **Course Director – Dr. S.L.Sasikala**
- Trained around 800 teachers all over Kanyakumari district on Disaster Management under Post Tsunami Livelihood Programme (PTSLP) which was implemented with the assistance of IFAD from July 2009 to January 2010
- Gave IFAD sponsored awareness programme on various aspects of Science and Technology development, risks, hazards and management of natural disasters like tsunami to about 3500 coastal area school students in our center from May to July 2009.

Area of Research

Molecular and Reproductive Endocrinology, PharmacoToxicology, Alternate medicine for PCOD, Cryopreservation of gametes, Marine Biotechnology, Aquaculture,

Publications

Five Papers based on Most Recent / Significance:

- A Novel Ayurvedic medicine – Asokarishtam in the treatment of Letrazole induced PCOS in rat. **S.L. Sasikala** and S. Shamila (2009). Journal of Cell and Tissue Research. Vol. 9 (2) : 1903-1907
- Isolation and identification of MDR-Mycobacterium tuberculosis and screening of partially characterised antimycobacterial compounds from chosen marine micro algae. Prakash S, **Sasikala SL**, Aldous V Huxley (2010). Asian Pacific Journal of Tropical Medicine (2010) 655-661. (Elsevier publications) Index Copernicus for 2010 – **9.00**
- Occurrence of acid mucopolysaccharides in the spermatophores of two penaeid prawns *Penaeus indicus* and *Metapenaeus monoceros*. **S.L.Sasikala** & T. Subramoniam (1987) : Journal of Exp. Mar. Biol. And Ecol, 113 : 145 – 153 (Elsevier publications) **Impact factor – 2.116, Citation index – 22 (cited in scopus – 14)**
- Influence of juvenile hormone (JH III) on the ovarian activity of adult paddy field crab, *Paratelphusa hydrodromous* (Herbst). **S.L. Sasikala** & T. Subramoniam (1990). Indian Jour. Exp. Biol., 29:426-429 **Impact factor – 0.551**
- *In vivo* acute and sub acute toxicity study of antimycobacterial compounds from marine algal extracts in albino mice as animal model. S. Prakash, **S. L. Sasikala** and V. Aldous J. Huxley (2009). The Asian Journal of Animal Sciences Vol.4 Issue 1 : 91-07.

Awards

- University Rank holder in B.Sc (1980)
- Recipient of National Merit Scholarship (1980 – 1982)
- Passed National Eligibility Test conducted by CSIR, New Delhi – was the first student to pass the exam in the Dept. of Zoology, Univ. of Madras (1984)
- Awarded with STEC Fellowship and was invited as Guest Scientist by Sophia University, Tokyo, Japan for Post-doctoral Research Training (1990)
- “Young Scientist Award” from DST, New Delhi - Scheme for young Scientist(SYS) (1991)
- Sponsored by National Academy of Medical Sciences, New Delhi for medical Research at Institute for Basic Medical Sciences, Chennai from 1-30 Nov. 2008
- World Aquaculture Society, USA awarded travel grant for visiting various Biotechnology laboratories in different Universities of USA for Scientific discussions (1997).
- Selected by CSIR, New Delhi for the award of travel grant to present my research papers in Tokyo, Japan (1989), in Singapore (1992), DST, INSA, New Delhi and TNSC for Science & Technology in Seattle, USA (1997), UGC and DST, New Delhi in New Orleans, USA (2005), UGC and CSIR, New Delhi in Hobart, Tasmania, Australia (2010)

Declaration

I hereby declare that the information provided is true to the best of my knowledge

(Head of the Department)

(Signature of the Faculty)