

CURRICULUM VITAE



Name	: Dr. S. UMAMAHESWARI
Educational Qualification	: M. Sc., Ph. D.
Additional Qualification	: State Level Educational Test (SLET) 2000 Microbiology
Present Position	: Professor Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli - 627012, Tamil Nadu E-mail: umamsu@gmail.com Director Centre for Women Empowerment & Women Studies, MSU.
Research/Teaching Experience Patent	: 22 Years/17 Years
Filed	: 04
Awards Rewarded	: 08
M. Sc. Projects Guided	: 93
M. Phil Projects Guided	: 24
Major Research Projects Completed (as Principal Investigator / Co-PI)	: 05
Manonmaniam Sundaranar University Funded Project Completed	: 03
TNSCST Project Completed	: 03
Sequences Submitted in NCBI	: 12
Extension / Community Work Carried Out	: 20
Educational Qualification	
B. Sc., Microbiology 1996 First Class.	
M. Sc., Microbiology 1998 First Class.	
Indexed Research Journal Publications	: 69

Invited Lectures/ Presentations	: 32 / 78
Poster Presentations	: 09
Popular Article Published	: 23
Conference/Seminar/Workshop Organized	: 21
National	: 14
International	: 7
Academic Audit	: 03
Book	: 1
Edited Book	: 01
Book Chapter	: 02
DST SERB Project Reviewer	: 03

RESEARCH PROJECTS COMPLETED (7)

- **UGC**, New Delhi (Rs. 8,94,300/-) for the period of February 2010 to February 2013.
- **CSIR**, New Delhi (Rs. 23,00,000/-) for the period of June 2011 – June 2014
- **ICMR** New Delhi (Rs. 28,00,000/-) for the period of January 2013 – January 2016.
- **DST**, New Delhi (Rs. 4, 55,000/-) for the period of July 2003 to December 2005.
- **DST**, NewDelhi Rs 7,00,000/- for the period 2010-2011.
- **MRP project** - Manonmaniam Sundaranar University, Tirunelveli (Rs. 25,000/-) for the period 2010-2011.
- **MRP Project** - Manonmaniam Sundaranar University, Tirunelveli (Rs. 50,000/-) for the period 2011-2012.

TNSCST (STP) Project Completed (3)

- Effect of formulated exotic and indigenous earthworm and mushroom feed on the growth of edible and ornamental fish” TNSCST, Chennai, March 2008-2009.

- Screening of Antibacterial activity in Marine Green and brown macro algae from the coast of Gulf of Mannar”, TNSCST, Chennai, February 2009-2010.
- Riddancing *Helicobacter pylori* by rice water protein - An in vivo Approach, February 2017-2018.

Research Guidance For Ph.D : Awarded : 13, Submitted: 3, Ongoing: 7

AWARDS REWARDED (8)

- ⇒ **Best Researcher Award** by VDGOOD Professional Association, July 2020.
- ⇒ Bestowed with **Outstanding Woman Award 2019** on **September 5, 2019** from Post Graduate & Research Centre, Department of Microbiology, Sri Paramakalyani College, Alwarkurichi.
- ⇒ **Best oral presentation Award** for “ *Helicobacter pylori* & SMR Efflux Pump” in International Conference on Recent Advancement of Biomolecule Invention, organized by Department of Zoology, Holy Cross College, Nagercoil, July 26 &27, 2019.
- ⇒ **Dr. Wilson Aruni Award** for “Best Research Mentor and Teacher” in 15th IAAM National Conference on Microbes Across Boundaries, Organized by the Department of Microbiology, Vivekanandha College of Arts& Sciences for Women, Tiruchengode. September 22nd & 23rd, 2017.
- ⇒ **Best oral presentation Award** for the topic “Composting paper mill sludge using native earthworms and impact on the growth and yield parameters of black gram (*Vigna mungo*)” in the 1st National Seminar on Earthworm ecology and environment. Organized by the Department of Animal Science, M. J. P. Rohilkhand University, Bareilly. April 26-28, 2007.
- ⇒ **Best oral presentation Award** for the topic “Bioconversion of Paper Mill Sludge Using *Lampito mauritii*” in the Regional Seminar on Energy Resources, Applications, Strategies & Options in ENERGY FEST conducted during February 27th, 2004, Organized by School of Energy, Environment & Natural Resources, Madurai Kamaraj University, Madurai.
- ⇒ **Best oral presentation Award** for the topic “Growth rate and fecundity assessment of *Lampito mauritii* in paper mill sludge” in the National Symposium on Recent Trends in Biological Sciences, Sponsored by UGC, CSIR and AVVM Sri Pushpam College, Poondi, Thanjavur District, 17th-19th February 2004.
- ⇒ Qualified **SLET** in Microbiology (2000)

Administrative Duties (8):

1. **Governing Body Member** in St. Mary’s College (Autonomous), Thoothukudi from 04.02.2022 to 03.02.2025.

2. **Director**, Centre for Women Empowerment & Women Studies, MSU from 2021.
3. Member in Common Project Proposal under **RUSA Phase II** in MS University in 2020.
4. **Senate Member** in Manonmaniam Sundaranar University from 2018 to December 2020.
5. Professor & Head, Department of Biotechnology from December 2017 to December 2020.
6. Member of Flying squad to inspect the November 2019 Examination to Seven College Affiliated to MS. University.
7. Member in **Internal Compliance Committee** in MS University since 2018.
8. **Standing Committee for Academic Affairs** in Manonmaniam Sundaranar University from 2018.

Others (2):

1. Implementing Zero Garbage Campus in MSU through Vermicompost Yard from 2018.
2. Revenue generation to MSU through Vermicompost sales from 2018 in MSU.

Research Reviewer in:

1. International Journal of Peptide Research & Therapy
2. International Journal of Food and Nutrition Sciences
3. Indian Journal of Biotechnology
4. Biotechnology Progress
5. Journal of Basic Microbiology

RADIO TALKS – AIR (9)

1. Talk on Tholirchalai Kallivuhai, All India Radio Tuticorin broadcasted on 14 September 2019.
2. Talk on Energy Conservation, FM on 05 January 2019.
3. Talk on New discoveries of organisms in Western Ghats on 18 August 2012.
4. Talk on Environment Conservation in Suzhal Sinthanai on 19, 20, 21 June 2010.
5. Talk on Environment on 13,14,15 August 2009.
6. Talk on Environment Conservation in Suzhal Sinthanai on March 2009.

7. Talk on Environment Conservation in Suzhal Sinthanai Programme on 9, 19, 29, December 2008.
8. Talk on Environment Conservation in Suzhal Sinthanai Programme on 19, 20, 21st, September 2008.
9. Nunnuyirikalum Sutrusoolallum for Vindhai Ulagam Programme on 9th March 2007.