

K. MURUGAN M.Sc., M.Phil.,

S/o M. Karuppasamy,

6/134, Main Road, Pappankulam – 627 423,

Alankulam Taluk, Tenkasi District, Tamilnadu, India.

Mobile: 94425 06790

RESUME

- Objective** Seeking a challenging career in the area of Microbiology and the applications. This utilizes my knowledge and skills and provides for career growth and learning.
- Education** 1997-2000, Sri Paramakalyani College affiliated to Manonmaniam Sundaranar University in Tirunelveli in Tamilnadu B.Sc. Zoology with Industrial Microbiology with 81.7%.
- 2000-2002, Sri Paramakalyani College affiliated to Manonmaniam Sundaranar University in Tirunelveli in Tamilnadu M.Sc. Microbiology with 59.3%.
- 2004-2005, Manonmaniam Sundaranar University in Tirunelveli in Tamilnadu M.Phil. Microbiology under Life Science with 64.7%.
- M.Sc. Project Title:** Herbicide resistance and phosphatase enzyme activity of phosphate solubilizing bacteria in rhizosphere soil.
- M.Phil. Project Title:** Bacteriological analysis in the gut of *Cirrhinus cirrhosus* and screening the effect of bacteriocin against common Gram-negative bacteria pathogens.
- Subject of** **Basic Microbiology** – Basic bacteriological techniques, culture maintenance, culture purification, culture characterization etc.
- Interest** **Analytical Techniques** – Gravitational and centrifugal separation technology, Chromatographic techniques etc.
- and Relative** **Gene Transfer Techniques** – Transformation, Transduction, Conjugation, Transposition etc.
- Expertise** **Genetic Engineering Techniques** – Plasmid isolation and characterization, cloning etc.
- Laboratory** **Fermentation Techniques** – Batch and continuous fermentation process with free cells and immobilized bacterial / yeast culture, process monitoring, recovery and analysis (Downstream process) etc.
- Well** **Food Microbiology** – Quality control (drinking water, soft drinks, milk, canned food, meat, vegetables).

Exposed **Enzymology Techniques** - Qualitative and quantitative assay of various enzymes protease, lipase etc.

Research One year PG dissertation work

Exposure / One year M.Phil. dissertation work

Experience

PERSONEL PROFILE

Name : K. Murugan
Father's Name : Mr. M. Karuppasamy
Educational Qualification : M.Sc., M.Phil.
Date of Birth : July 21, 1980
Gender : Male
Address for Communication : 6/134, Main Road,
Pappankulam – 627 423,
Alankulam Taluk, Tenkasi District, Tamilnadu, India.
Community : Backward Class (BC)
Religion : Hindu
Nationality : Indian
Languages Known : Tamil & English
Hobbies : Reading Books & Listening to Music
E-mail Address : micromurugan2013@gmail.com
Mobile : 94425 06790

Marks Obtained:

Exam Passed	Name of Board / University	Class Obtained	Year of Passing	% of Marks
SSLC	Board of Secondary Education, Tamilnadu.	I	April 1995	65.0
HSC	Board of Higher Secondary Education, Tamilnadu.	I	April 1997	66.5
B.Sc.	Manonmaniam Sundaranar University, Tirunelveli.	I	April 2000	81.7
M.Sc.	Manonmaniam Sundaranar University, Tirunelveli.	II	April 2002	59.3
M.Phil.	Manonmaniam Sundaranar University, Tirunelveli.	I	May 2011	64.7

Additional Qualification : Diploma in Computer Application

Working Experience : **Assistant Professor,**
Department of Microbiology,
Sree Amman Arts & Science College,
Chittote - , Erode District, Tamilnadu, India.
Assistant Professor & Head,
Department of Microbiology,
Sri Ram Nallamani Yadava Arts and Science College,
Tenkasi – 627 811, Tenkasi District, Tamilnadu, India.

Research Article Publications:

- ❖ **K. Murugan, R. Sindhu and S. Umamaheswari, *Eudrilus eugeniae* – a potent bioremediator in controlling herbicide and pesticide pollution, *International Journal of Pharmaceutical & Biological Archives*, Vo. 5, No. 5, September-October 2014, pp. 80-87. (SJIF Impact Factor – 1.5)**
- ❖ **K. Murugan, G. Shiji, H. Sridhar and S. Umamaheswari, Toxicity studies of antibiotics in earthworm, *Eudrilus eugeniae*, *International Journal of Pure & Applied Bioscience*, Vo. 3, No. 2, April 2015, pp. 241-255. (SJIF Impact Factor – 4.3)**
- ❖ **K. Murugan, S. Ramya and S. Umamaheswari, Elucidation of interaction between earthworm and microbial habitat, *International Journal of Institutional Pharmacy and Life Sciences*, Vol. 5, No. 3, May-June 2015, pp. 10-27. (SJIF Impact Factor – 3.5)**
- ❖ **Karuppasamy Murugan, Bacteriological analysis in the gut of *Cirrhinus cirrhosus* and screening the effect of bacteriocin against common Gram-negative bacterial pathogens, *World Journal of Pharmaceutical Research*, Vol. 4, No. 7, July 2015, pp. 930-975. (SJIF Impact Factor – 5-9)**
- ❖ **Karuppasamy Murugan and M.A. Mohideen, Diesel degradation by microbes and its control, *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 5, No. 5, May 2016, pp. 936-960. (SJIF Impact Factor – 6.0)**
- ❖ **Murugan Karuppasamy, Herbicide resistance and phosphatase enzyme activity of phosphate solubilizing bacteria in rhizosphere soil, *World Journal of Pharmaceutical Research*, Vol. 12, No. 4, March 2023, pp. 1888-1913. (SJIF Impact Factor – 8.08)**

Workshop Participation:

- Participated in the National Seminar cum Workshop on Microbial Diversity and Infectomics, organized by the Bioinformatics Infrastructure Facility and Department of Biotechnology, Alagappa University during February 27 - March 1, 2013.

Seminar Participation:

- ❖ Participated in the State Level Seminar on Recent Trends in Microbiology, organized by Department of Microbiology, Sri Ram Nallamani Yadava College of Arts and Science, Kodikurichi – 627 807, Tenkasi held on 16th February, 2013.
- ❖ Participated in the National Seminar on Nutraceutical and Therapeutic Value of Traditional Foods, organized by Research Centre in Botany & Microbiology held at Lady Doak College, Madurai during 30th & 31st January 2014.
- ❖ Participated in the State Level Seminar on Advanced Tools and Techniques in Biotechnology on 25.02.2014 organized by the PG Department of Zoology & Research Centre, Sri Parasakthi College for Women, Courtallam.
- ❖ Participated in the State Level Seminar on Recent Trends in Microbiology, organized by Department of Microbiology, Sri Ram Nallamani Yadava College of Arts and Science, Kodikurichi 627 807, Tenkasi held on 28th February, 2014.
- ❖ Participated in National Symposium on Conservation of Wetland Species and Ecosystem on 27th March 2015 held at Manonmaniam Sundaranar University, Marine Campus, Rajakkamangalam, Kanyakumari District, Tamilnadu.

Editorial Board Member:

- Worked as an editorial board member in World Journal of Pharmaceutical Research. <https://www.wjpr.net>
- Worked as an editorial board member in International Journal of Recent Research and Applied Studies. <http://ijrras.com>

DECLARATION

The above mentioned details are true and correct to the best of my knowledge and belief.

Place: Tirunelveli

Date: 07/05/2023

Yours Sincerely,

K. Murugan