



Name: V. Vedha

Designation: Assistant professor

Education

- UG – (BSc Microbiology, Madras University, 1991)
- PG – (MSc Microbiology, Manonmaniam sundranar University, 1994)
- Ph.D – Microbiology, Madras University, 2013

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Experience in teaching Microbiology for UG and PG students for the past 22 years. Area of research in PhD is focused on Antiviral activity of plant extracts on HIV and HBV virus and the study on Immunomodulatory properties. Professionally skilled in Bacteriology, Mycology, Immunology, Serological tests and in Applied techniques. Guided more than 50 students in their PG thesis work. Published research papers in international and national journals.

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Name : Dr. V. Vedha

Education:

Ph.D (Microbiology)	Madras University	2006-2012
M.Sc. (Applied Microbiology)	Manonmaniam Sundaranar University	1992-1994 University Third Rank
B.Sc. (Microbiology)	University of Madras	1989-1991 University Fifth rank

Publications:

- Antiviral property of crude aqueous and alcoholic extracts of *Andrographis Paniculata* against HIV (Reverse Transcriptase) and HBV (Surface antigen and DNA polymerase). Vedha Veerasami, Rajendran paramasivam, Gnanasekaran Ashok, Murugesan Karthikeyan, Anushka Shanmungam, Kannan Mohan, Sri Priya and Selvarani. WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES. Vol 2, Issue 3, 1238-1245. ISSN:- 2278-4357.

- Inhibition of Hepatitis B Virus DNA polymerase and modulation of TH1 and TH2 Cytokine Secretion by three Indian medicinal plants and its correlation with antiviral properties. Kannan Mohan, Rajendran Paramasivam, Pratap Chandran, Vedha Veerasami, Ashok Gnanasekaran, Anushka Shanmugam and Karthikeyan Murugesan. JOURNAL OF PHARMACY RESEARCH 2011, Vol 4, Issue 4 ,1044-1046.
- A study on Antiviral properties of Azadirachta indica against HBV, HIV, HSV-1, Vaccinia and Varicella zoster viruses and Coscinium fenestratum (Gaertn.) Colebr, Tree turmeric) against HBV and HIV. S.Anushka, P.Rajendran, V.Vedha, G.Ashok, M.Kannan and M. Karthikeyan. Biomedicine:2011; 31(4): 482-486.
- Indole Aceticacid Produced by Rhizobium sp. In Different Concentration of Tryptophan and Checking its Efficiency as Growth Promoters. Elayarajah, Venkatrajah. B, Karthikeyan. M,Rajendran. P,Ashok. G,Anbalagan.S , Vedha.V. Indian Journal of Applied Microbiology, (2008) 9(1):64-68.
- Evaluation of Oil Degradation, Biosurfactant and Plasmid from Pseudomonas aeruginosa Isolated from Petrol Bunk Environment in Chennai City, Tamilnadu State, India. Kannan.M, Mamitha K.S, Vedha.V, Rajendran.P. Indian Journal of Applied Microbiology, (2009) 10(1):39-44.

Research Interest :

To study the antimicrobial activity of plant extracts and their Immunomodulatory properties, degradation activity of bacteria and fungi in various environmental samples.

Ph.D Work: “Antiviral and Immunomodulatory properties of certain medicinal plants against Hepatitis B Virus (HBV) and Human Immunodeficiency Virus (HIV)”.

Courses Taught:

Taught – Immunology, Microbial Physiology, Bacteriology, Mycology and Parasitology for undergraduate and postgraduate microbiology students and Environmental science for undergraduate students.

Paper Presentations :

- Presented poster in the Asian Symposium on Medicinal Plants, Spices and other Natural Products on November 2008.
- Presented paper in the Seminar on Occurrence, detection and control measures of “Pollutants and Contaminants in Dairy and Food Industry” at Madras Veterinary College, November 2003.

- Presented paper in the 8th Annual conference of Indian Association of Microbiologists on September 2010.
- Presented paper in the 9th Annual conference of Indian Association of Microbiologists on October 2011.

Administrative Positions:

Serving as placement officer for the Department of Microbiology and as a member in board of studies for environmental science course. Examiner for UG examinations in the University of Madras.