

**Name** : J. IMMANUEL SURESH  
**Designation** : Assistant Professor  
**Department** : Immunology and Microbiology  
**Date of Joining** : 04.10.2010  
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**Educational Qualification:**

DEGREE	SUBJECT	COLLEGE / UNIVERSITY & PLACE	YEAR COMPLETED
Ph.D	Environmental Microbiology	MKU, Madurai	Doing
M.Phil	Microbiology	Prist University	2009
M.Sc	Microbiology	Thiagarasar College, Madurai	2000
B.Sc	Industrial Microbiology	Thiagarasar College, Madurai	1998

**Specialisation in Teaching:**

- Microbial Biotechnology
- Microbial Genetic & Molecular Biology
- Medical Microbiology
- Fermentation Technology
- Food & Dairy Microbiology
- Microbial Physiology

**Specialisation in Research:**

Marine Microbiology – Marine sea weeds, Mangrove plants, Heavy metal toxicity, Biodiversity of beneficial microbe's, Plants & weeds extract, Antimicrobial activity, Anti cancer, Anti malarial, Anti viral compounds isolation, Identification Derivation

**Research Interests:**

- Biodegradation of Dyes pesticides & other compounds
- Production of Biogas, Bio hydrogen, Bio diesel, Bio Surfactant & oil degradation

**Other Work Experience:**

<b>Designation</b>	<b>Institution / Company</b>	<b>Year - From (month/year) To (month/year)</b>
Lecturer	Dr. Zakir Husain college Ilayangudi – sivagangai dist	13.6.2007 – 3.10.2010
Lecturer	AVS College, Salem	16.07.2006 -31.4.2007
Lecturer	Ambiga College of Arts & Science Madurai	02.8.2000 – 31.12.2003

**Membership in Professional Bodies:**

- Member – Board of studies for M.Sc Microbiology Alagappa University, Karaikudi, Sivagangai District From 2008 – 2010
- Organising Member: State level seminar on conservation and Utilization of Bio Resources for rural development conducted by the department of Biology, Dr. Lakir Husain College Ilayangudi Sivagangai District from Dec 29-30,2008

**Conference / Seminar Presentations:**

- A nano Science in plant disease control at UGC Sponsored National seminar on application of nano technology in current agricultural practices conducted by the Dept of biology Dr. Zakir Husain College, Ilayangudi, Sivagangai Dist on Feb & 10, 2011
- Screening of Marine Bacterial isolts producing Glucoamylase by submerged fermentation at 2<sup>nd</sup> National conference on “Bio prospecting of marine resources with special reference to marine natural products & drug discovery’-by school of marine sciences, Dept of Oceanography & coastal Area studies, Alagappa university thordi Ramnad Dist ”

**Lectures / Talks given:**

- Awarded Rs 6,000/- (Sanctioned by the Tamil Nadu State Council for science and Technology (TNSCST)- sponsored programme – student project scheme – 2010, under the title Bioremediation of oil petroleum Hydrocarbon in sea water using bacterial consortium
- Sanctioned Rs. 10,000/- by the TNSCST – sponsored programme – student project scheme – 2009, under the title Bilhydrogen production from Bacterial bilfilm consortia sourced from waste sledges

**Other activities / academic credentials:**

- Guided 20 projects for M.Sc., Microbiology

## ANNEX – I

### Resource Person:

- HIV/AIDS & Sexually Transmitted Infections – An overview at Sree Sevugan Annamalai Collegem Devakottai, Sivagangai District on 8<sup>th</sup> Mar 2011
- HIV/ AIDS & Opportunistic Diseases and Treatments at Dr. Umayal Ramanaathan College for Women, Karaikudi on 4<sup>th</sup> Mar 2011
- Anti Retroviral Drugs – An overview at Caussanel College of Arts And Science Muthupettai, Ramanathapuram District on 17<sup>th</sup> Feb 2011
- HIV/AIDS – Opportunistic Infections at Alagappa Chetiar College for Engineering and Technology, Karaikudi, Sivagangai District on 27<sup>th</sup> January 2011
- Sexually Transmitted Diseases – Related to People living with HIV at Dr. Zakir Husain College, Illyagudi Sivagangai District on 27<sup>th</sup> January 2011.
- Sexually Transmitted Diseases – Related to People living with HIV at Dr. Zakir Husain College Ilaygudi Sivagangai District, on the 26<sup>th</sup> Dec 2010.
- Effect of Smoking – regarding microbial infections conducted by the Red Ribbon Club & Syed Hameedha Arts & Science College, Kilakarai, Ramanathapuram District on 7<sup>th</sup> Oct 2010
- Harmful Effects of Tobacco & Drugs with Special Reference to Microbial Diseases conducted by ANantha College Devakottai Sivagangai District on 13<sup>th</sup> July 2010.

## ANNEX – II

### External Examiner / Question Paper Setter / Valuation:

- Periyar University, Salem
- Alagappa University, Karaikudi, Sivagangai Dist
- Thassim Beevi Abdul Kadar College for Women, (Autonomous) Keelakarai, Ramanathapuram District
- The Madura College (Autonomous) Madurai
- Sourastra College (Autonomous) Madurai
- Sivagasi fireworks Rajarathinam College for Women (Autonomous) Sivagasi, Virudhunagar District
- Yadava College, (Autonomous), Madurai
- Mother Teresa Women's University Kodaikannal, DIndugaul District
- Vivekanda College (Autonomous) Thiruvadakam Madurai
- Fatima College (Autonomous), Madurai
- Jayaraj Annapakiam College for Women (Autonomous) periyakulam, Theni District
- Sri kaleswari College, Sivagasi