



**Dr. J. JOSEPH SAHAYARAYAN**  
**Assistant Professor**

**Contact**

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**Academic Qualifications: M.Sc., Ph. D.,**

<b>Degree</b>	<b>Year of Passing</b>	<b>University / Institute</b>
<b>M. Sc.,</b> (Biotechnology)	April - 2004	Bharathidasan University
<b>Ph. D.,</b> (Biotechnology)	November - 2010	Bharathidasan University

**Teaching Experience: 4.3 Years**

<b>Designation</b>	<b>Institution</b>	<b>Department</b>	<b>Duration</b>
Assistant Professor	Alagappa University Karaikudi.	Bioinformatics	Dec 2015 to till date
Assistant Professor	St. Joseph Groups of Institutions Dar Es Salaam, Tanzania.	General Engineering	May 2012 to March 2013
Assistant Professor	RVS College of Arts and Science, Karaikal, Pondicherry.	Biochemistry and Microbiology	June 2010 to March 2012

## Research Experience: 11 Years

### Additional Responsibilities

S. No.	Position - Dept. of Bioinformatics	Organization
1.	Co-ordinator, Faculty Progress Report	Alagappa University
2.	Co-ordinator, Village Placement Program (VPP)/ National Service Scheme (NSS)	Alagappa University
3.	Co-ordinator, Extra Curricular Activities	Alagappa University
4.	Member, Examination Board	Alagappa University
5.	Member, Research and Purchase Committee	Alagappa University
6.	Member, Curriculum Development	Alagappa University
7.	Member, Employability Skills/Career Guidance	Alagappa University

### Areas of Research

Plant Genetic Engineering  
Plant Virology and Pathology  
Plant Bioinformatics (Human Diseases)

### Research Supervision / Guidance

Project	Program of Study	Completed	Ongoing
	PG	2	-

### Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
6	6	1	6	-

**Cumulative Impact Factor (as per JCR) :** 2.463  
**h-index :** 3  
**i10 index :** 2  
**Total Citations :** 55

## Distinctive Achievements / Awards

University Research Fellowship (Bharathidasan University) - (Jan 2007 – Dec 2009)

## Events organized in leading roles

### Number of Seminars cum Workshops:

Organizing Committee Member in 9<sup>th</sup> National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design"[SBCADD'2016]

## Events Participated

Conferences / Seminars / Workshops: 12

## Recent Publications

1. R. Udayakumar, S. Kasthuriengan, T.S. Mariashibu, **J. Joseph Sahayarayan**, S.C. Kim, C.W. Choi, A. Ganapathi, (2010), "Antioxidant Activity of Phenolic Compounds Extracted from the Roots and Leaves of *Withania somnifera* (L.) from Different Geographical Locations in India", ***Fun. Plant Sci. Biotech.***, 4, 28-33. **(I.F:00)**.
2. R. Udayakumar, S. Kasthuriengan, A. Vasudevan, T.S. Mariashibu, **J. Joseph Sahayarayan**, C.W. Choi, A. Ganapathi, S.C. Kim, (2010), "Antioxidant Effect of Dietary Supplement *Withania somnifera* L. Reduce Blood Glucose Levels in Alloxan-Induced Diabetic Rats", ***Plant food for human nutrition***, 65, 91-98. **(I.F:2.46)**.
3. R. Udayakumar, C.W. Choi, S.C. Kim, S. Kasthuriengan, T.S. Mariashibu, **J. Joseph Sahayarayan**, A. Ganapathi, (2013), "*In-vitro* plant regeneration from epicotyls explants of *Withania somnifera* (L.) Dunal", ***Journal of Medicinal Plants Research***, 7, 43-52. **(I.F:0.879)**.
4. T. Sathiamoorthi, **J. Joseph Sahayarayan**, A. Arivoli, (2016), "Prevalence of Multi Drug Resistance *Campylobacter Jejuni* from Raw Chicken Meat in Erode Retail Shop", ***International Journal of Current Research***, 08, 38612-38614. **(I.F:00)**.
5. A. Arivoli, T. Sathiamoorthi, M. Satheeshkumar, **J. Joseph Sahayarayan**, P. Boomi, (2016) "Study of Water Quality Parameters of Cauvery River Water in Erode Region", ***Journal of Global Biosciences***, 5, 4556-4567. **(I.F:00)**.
6. T. Sathiamoorthi, A. Arivoli, **J. Joseph Sahayarayan**, M. Satheesh Kumar, (2017). Antibiotic Resistance Pattern of Bacterial Pathogens Isolated From Poultry Waste in Erode. ***Indian J. Environmental Protection***, Vol. 37, No.1, pp. 25-30. **(I.F:00)**.

7. T. Sathiamoorthi, K. Natarajaseenivasan, P. Velmurugan, P. Prabakaran, P. Virumandi, A. Arivoli, **J. Joseph Sahayarayan**, (2017). Prevalence of Multi Drug Resistance Asymptomatic Bacteriuria from Pregnant Women in Karaikudi, Sivagangai District. ***International Journal of Modern Science and Technology***, Vol. 2, pp. 277-283. (I. F: 00).