



Name	<b>Dr. J. JOSEPH SAHAYARAYAN</b>
Designation	Assistant Professor
Mailing Address	Department of Bioinformatics Alagappa University Karaikudi – 630003 Tamil Nadu, INDIA
Academic Qualifications	<b>M.Sc., Ph.D.</b>
Employee Number	
Contact Phone – Office	(+91) 4565 230725
Contact Phone - Personal	(+91) 90475 64087, (+91) 99767 89192
Contact e-mail	<a href="mailto:bioinformaticsjoseph2015@gmail.com">bioinformaticsjoseph2015@gmail.com</a>

**Total Teaching Experience:** 2 Years and 8 Months

**Total Research Experience:** 10 Years

**Research Area / Specialization(s):** *In vitro* regeneration, Hairy root culture and *Agrobacterium tumefaciens* - mediated transformation in West Indian Gherkin (*Cucumis anguria* L.) - Plant tissue culture and genetic transformation, plant molecular biology, virology and plant pathology.

#### Guidance / Supervision

Program of Study		Completed	Ongoing
<b>Research</b>	Ph.D.	-	-
	M.Phil.	-	-
	Project Assistant	-	-
<b>Project</b>	PG	-	-

#### Research Papers

Published in International Journals	Published in National Journals	Presented in International Conferences	Presented in National Conferences
03	0	02	03

**Funded Research Projects (Completed)-Nil**

**Funded Research Projects (Ongoing)-Nil**

**Consultancy Projects –Nil**

**Number of Seminars / Conferences / Workshops / Events attended : 05**

**Number of Seminars / Conferences / Workshops / Events organized : Nil**

**Number of Invited / Special Lectures delivered** : Nil

**Number of Books / Chapters / Monographs / Manuals written** : Nil

**Achievements / Awards / Honours**

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

**Membership in Professional / National / International Bodies-Nil**

**Additional Responsibilities – Alagappa University- Nil**

**Additional Responsibilities – Other Institute/University-Nil**

**Countries Visited** – St. Joseph University – Dar Es Salaam, Tanzania - 2012

**Selected Publications**

1. Udayakumar, R., Kasthuriengan, S., Mariashibu, T.S., **Joseph Sahayarayan, J.**, Kim, S.C., Choi, C.W., and Ganapathi, A. (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.
2. Udayakumar, R., Kasthuriengan, S., Vasudevan, A., Mariashibu, T.S. **Joseph Sahayarayan, J.**, Choi, C.W. Ganapathi, A., Kim, S.C (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
3. Udayakumar, R., Choi, C.W. Kim, S.C. Kasthuriengan, S. Mariashibu, T.S. **Joseph Sahayarayan, J.** and Ganapathi, A., (2013). *In vitro* plant regeneration from epicotyls explants of *Withania somnifera* (L.) Dunal. *Journal of Medicinal Plants Research* Vol. 7(1), pp. 43-52