

CURRICULAM VITAE

Name : **Dr. J. SEBASTINRAJ**
Qualification : M.Sc., Ph.D
Designation : Assistant Professor (Self-finance)
Age & Date of Birth : 36 years old & 08-05-1978
Sex : Male
Marital Status : Married
Nationality : Indian
Father's Name : Joseph S



Address for Communication

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Educational qualification

S.no	Degree	Name of the Institution	Year of Passing	Class
1	B.Sc (Botany)	St.Joseph's College, (Autonomous),Tiruchirappalli)	1999	First (60.22%)
2	M.Sc (Botany)	St.Joseph's College, (Autonomous),Tiruchirappalli)	2001	Second (58.59%)
3	Ph.D (Botany)	St.Joseph's College, (Autonomous),Tiruchirappalli)	2008	Highly Commended.

Title of the Ph.D thesis

Asymbiotic seed germination and Micropropagation of selected orchid species from the Western Ghats of Tamil Nadu, India.

Title of the M.Sc thesis

In vitro regeneration of *Vanilla planifolia* Andr. And their Antimicrobial Activity.

Teaching experience : 7 Years

- From June 2007 to April 2009 working as a Lecturer in Department of Biotechnology, **Mahendra Arts and Science College**, Kalippatti, Namakkal(Dt).
- From June 2009 to till date working as a Assistant Professor in Department of Biotechnology, **Jamal Mohamed College (Autonomous)**, Tiruchirappalli.

Teaching Experience in Environmental Centre

- From June 2006 to December 2006 working as a Teacher (imparting environmental awareness to School and College students) in Anglade Institute of Natural History (AINH), Shembaganur, Kodaikanal.

Research Experience

- **Junior Research Fellow (JRF)** in a Research and development project sponsored by the Department of Science and Technology, Government of India, New Delhi. The Project was Popularization of Orchid floriculture among rural masses by the adoption of Mycorhizal fungal technology in 2002—04 at Rapinat Herbarium and centre for Molecular systematic, St.Joseph's College, Tiruchirappalli.

University Teaching Staff Approval

- Department of Biotechnology, Periyar University, Salem.
- Department of Botany and Department of Biotechnology, Bharathidasan University, Tiruchirappalli.

Research Adviser

- Getting Research Adviser for guiding PhD in Biotechnology from Bharathidasan University, Tiruchirappalli.

Acted as Resource Person

- Act as a resource person in TNSCST sponsored “Creation of Scientific awareness to the Nagapattinam District Scholl Students” on 28th June, 2012, conducted by Department of Chemistry, AVC College (Autonomous), Mayilladuthurai – 609305.
- Act as a resource person in TNSCST sponsored “Creation of Scientific awareness to the students” on 17 & 18 July, 2012 conducted by Department of Zoology, Periyar EVR College (Autonomous), Tiruchirappalli – 620020.

Certificate of Appreciation

- Getting two certificate of appreciation from **Internal Quality Assurance Cell (IQAC), Jamal Mohamed College (Autonomous), Tiruchirappalli – 620020.**

Paper publication in National and International Journals

1. Francis Xavier, T., Senthilkumar, S., Okoh, A.I and **Sebastinraj, J.** (2003). Antibacterial activity of *Malaxis reedi* Sw. An ornamental orchid of Shervaroy Hills of Eastern Ghats, South India. Science Focus (Nigeria) 5: 82-88.
2. **Sebastinraj, J.**, Senthilkumar, S and John Britto, S. (2004). In vitro propagation of *Vanilla planifolia* Andr. (Orchidaceae). Biodiversity and Conservation. Ed. John Britto S, The Rapinat Herbarium. 306-309.
3. John Britto, S., Senthilkumar, S., **Sebastinraj, J.**, Philip Robinson, J and Vinothkumar, D. (2004) *In vitro* Seed germination, Protocorm Growth and Development of *Dendrobium aequum* Lindl. RETELL. Vol: 5, No: 1.
4. **Sebastinraj, J.**, John Britto, S., Philip Robinson, J., Vinoth Kumar, D and Senthilkumar, S. (2006) *In vitro* seed germination and plantlet Regeneration of *Coelogyne mossiae* Rolfe. Journal of Biological Research. 5: 79-84.
5. Philip Robinson, J., John Britto, S., **Sebastinraj, J.**, Vinoth Kumar, D and Senthilkumar, S. (2006). Micropropagation of *Emilia zeylanica* C.B.Clarke, by using explants of Inflorescence rachis. Journal of Biological Research. 5: 79-84.
6. Philip Robinson, J., Balakrishnan, V., **Sebastinraj, J** and John Britto, S. (2009). Antimicrobial Activity of *Alphinia calcarata* Rosc. And characterization of new α,β unsaturated carbonyl compounds. Advances in Biological Research. 3(5-6): 185-187.
7. Vinoth Kumar , D., John Britto, S., **Sebastinraj, J.**, Philip Robinson, J., and Senthil Kumar, S. (2009). Callus regeneration from stem explants of *Pseudarthira viscida* (L.) Wight and Arn. – A vulnerable medicinal plant. African Journal of Biotechnology. Vol. 8(17), PP. 4048-4051.
8. **Sebastinraj, J** and Inayath Sidique, K.M., (2011). *In vitro* rapid clonal propagation of *Aristolochia bracteolate* Lam. (Aristolochiaceae). – a valuable medicinal plant. World Journal of Agricultural Sciences. 7 (6): 653-658.

9. **Sebastinraj, J.**, John Britto S and Senthil Kumar S R., (2013). Micropropagation of *Operculina turpethum* (Linn.) Silva Manso. Using Cotyledonary node explants. Academic Journal of Plant Sciences. 6 (2): 77-81.
10. **Sebastinraj, J** and Muhirkuzhali, S (2014). Asymbiotic seed germination and Micropropagation of *Spathoglottis plicata* Blume. International Journal of Advances in Pharmacy, Biology and Chemistry. 3(2); 495-501.

Paper presentation in state level and International level conference

1. **Sebastinraj, J.**, Senthilkumar, S., and Francis Xavier, T. *In vitro* antibacterial activity of *Vanilla planifolia* Andr. (Orchidaceae). National level Seminar on Global Strategies in Biological Science. Feb'14-15-2003. Muthayammal College of Arts and Science, Rasipuram, Namakkal– 637 408.
2. **Sebastinraj, J.**, John Britto, S., Philip Robinson, J., Vinothkumar, D and Senthilkumar. Effects of Different hormone Mediated plant Regeneration from *Operculina turpethum* (L.) silva manso. National Symposium on Microbial and Plant Biotechnology. Feb. 17-19, 2005. Loyola College (*Autonomous*), Chennai – 600 034.
3. Vinothkumar, D., John Britto, S., **Sebastinraj, J.**, Philip Robinson, J and Senthilkumar, S. Phytosociological Studies of Sacred Groves in Pudukottai District. National Symposium on Microbial and Plant Biotechnology. Feb. 17-19, 2005. Loyola College (*Autonomous*), Chennai – 600 034.
4. Philip Robinson, J., John Britto, S., Vinothkumar, D., **Sebastinraj, J** and Senthilkumar, S. *In vitro* Sensitivity of a few medicinal plants – A comparative Approach. UGC National Seminar on Present Scenario in Plant Science Research. Feb' 19-20-2005. Annamalai University, Annamalainagar, Chidambaram – 608 002.
5. Vinothkumar, D., John Britto, S., **Sebastinraj, J.**, Philip Robinson, J and Senthilkumar, S. Biodiversity Characterization of Classes and Landscape Level Using Remote Sensing and GIS study of Karandamalai Hill, Eastern Ghats of Tamil Nadu. National Seminar on Bioprospecting of Bioresources, 8 – 10 Dec'2005. St. Xavier's College (*Autonomous*), Palayamkottai, Tirunelveli – 627 002.

6. Vinothkumar, D., John Britto, S., Philip Robinson, J., **Sebastinraj, J** and Senthilkumar S. Regeneration of plants from Cotyledonary Nodal explants of *Pseudarthria viscida* (L.) Wight & Arn. – A vulnerable Medicinal Plant. 5th National Level Biological Congress on Biotechnology: A global prospective. Jan' 6-7-2006. Muthayammal College of Arts & Science, Rasipuram, Namakkal – 637 408.
7. Philip Robinson, J., John Britto, S., **Sebastinraj, J.**, Vinothkumar, D and Senthilkumar, S. Micropropagation of *Emilia zylanica* C.B. Clarke. – a rare plant of Compositae through Meristem tip and Nodal explants. National Seminar on Advances in Plant Sciences. Feb' 24-25-2006. Bharathidasan University, Tiruchirappalli – 620 024.
8. **J. Sebastinraj**, K. Manoharan and K. Paliwal. Effect of *Azospirillum* on fodder production in the semi-arid region of South India. Proceedings of the XXI International Grassland Congress and the VIII International Rangeland Congress (Vol. I). on 1st June 2008.
9. **Sebastinraj, J.**, Udhayakumar, V., John Britto, S., Philip Robinson, J., Vinothkumar, D and Senthilkumar. (2009). Regeneration of multiple shoots from cotyledonary node of in vitro raised seedlings of *Operculina turpethum* (Linn.) Silva Manso – an endangered medicinal plant. The Journal of the Swamy Botanical Club and National conference on Modern Trends in plant in vitro biology. Bharathidasan University, Trichy. Vol. 26 (special issue) Page No. 58.
10. Abinaya , S, Kavitha, N., and **Sebastinraj, J.** Phytoremediation of industrial effluent using the technique of root zone cleaning system. State level seminar on “Emerging Advancements in Biosciences” 17th March, 2012. Dept. of Microbiology and Biotechnology, JMC, Trichy.
11. Kavitha, N., Abinaya , S, and **Sebastinraj, J.** Studies on *in vitro* regeneration and genetic transformation in Cucumber (*Cucumis sativus* L.). State level seminar on “Emerging Advancements in Biosciences” 17th March, 2012. Dept. of Microbiology and Biotechnology, JMC, Trichy.

Workshop attended

1. State level workshop on Techniques in Tissue Culture and Histochemistry. September 16-17, 2004, St. Joseph's College (Autonomous), Tiruchirappalli – 620 002.
2. Regional Conference on Fern Diversity of India. February'24th 2007, Conducted by Center for Biodiversity and Biotechnology, St. Xavier's College (*Autonomous*), Palayamkottai.
3. State Level Workshop on Agribiotech, (Sponsored by MoEF) organized by the Department of Biotech Sciences between 23rd – 24th February 2008, Mahendra Arts and Science College, Namakkal.
4. National Workshop on Methods in *In vitro* Toxicology, dated on 14-23rd September, 2011. Organized by MGDC, Bharathidasan University, Tiruchirappalli.
5. State Level Workshop on “Structural Bioinformatics and Protein 3-D Structure Visualization”, on 28th July, 2014, organized by Dept. of Biotechnology and Bioinformatics, Bishop Heber College (Autonomous), Tiruchirappalli.

Seminar and Conference attended

1. National level Symposium on Medicinal plants – Diversity, Utilization and conservation. February 5-6, 2001, St. Joseph's College (*Autonomous*), Tiruchirappalli – 620 002.
2. UGC sponsored State Level Seminar on Examination Reforms, held at Jamal Mohamed College (JMC), Trichy on March 12, 2010.
3. NAAC sponsored National Level Seminar on Quality Enhancement in Teaching, Research and Extension in Higher Education Institutions – Prospects and Problems, organized by Internal Quality Assurance Cell (IQAC), JMC, Trichy, during April 15 and 16, 2010.
4. State level seminar on “Recent Trends in Chemical Research (RTCR – 2010)” Conducted by the PG and Research Department of Chemistry, JMC, Trichy, 5th and 6th October, 2010.

5. Seminar on “Creating Competitiveness to excel in higher education – a TQM approach” organized by IQAC, JMC, Trichy, on 8th December, 2010.
6. National level forum on emerging debates on communicable disease, organized by Dept. of Microbiology, JMC, Trichy, held on 28th February, 2011.
7. Colloquium on “3R Concept and its practice in academia and research” organized by MGDC in Bharathidasan University, Tiruchy, on 2nd October, 2011.

Membership

1. Organizing committee members in Modern Trends in Healthcare Biotechnology and Environment, organized by the Department of Biotech Sciences between 22nd -23rd February 2008, Mahendra Arts and Science College, Namakkal.
2. Organizing committee members in Beacon Biotech - 2009, organized by the Department of Biotech Sciences dated on February 2009, Mahendra Arts and Science College, Namakkal.
3. Organizing committee members in State level seminar on “Emerging Advancements in Biosciences” 17th March, 2012. Dept. of Microbiology and Biotechnology, JMC, Trichy.
4. Membership in Academic bodies: Board of Studies in Dept. of Biotechnology, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620020.

References:

1. Dr. H.Syed Jahangir

Co-ordinator

Department of Biotechnology

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2. Rev. Fr. Dr. S. John Britto

Director

Rapinat Herbarium and Centre for Molecular Systematics

St. Joseph's College (Autonomous)

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Declaration:

I do declare hereby all the information is true and correct to the best of my knowledge and belief.

Thank You

Yours sincerely

(J. SEBASTINRAJ)

Place : Tiruchirappalli

Date :