

# CURRICULAM VITAE

**Dr. J. SEBASTIN RAJ, M.Sc., Ph. D**

*Asst. Professor & Head*

*PG & Research Department of Biotechnology*

*Jamal Mohamed College (Autonomous) – Affiliated to Bharathidasan University*

*Tiruchirappalli – 620020. Tamil Nadu, India.*

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## EDUCATIONAL QUALIFICATION

- ✓ Ph.D., (2008) St. Joseph's College, (Autonomous), Tiruchirappalli.
- ✓ M.Sc., (2001) St. Joseph's College, (Autonomous), Tiruchirappalli.
- ✓ B.Sc., (1999) St. Joseph's College, (Autonomous), Tiruchirappalli.

## PROJECTS

- ✓ Asymbiotic seed germination and Micropropagation of selected orchid species from the Western Ghats of Tamil Nadu, India (**Ph.D Thesis**).
- ✓ *In vitro* regeneration of *Vanilla planifolia* Andr. and their Antimicrobial Activity (**M. Sc Thesis**).

## TEACHING EXPERIENCE

**ORGANIZATION** : Jamal Mohamed College, (Autonomous), Tiruchirappalli.

**DESIGNATION** : Assistant Professor and Head in Department of Biotechnology

**DURATION** : 2009 – Till Now

**ORGANIZATION** : Mahendra Arts and Science College, Kalippatti, Namakkal.

**DESIGNATION** : Assistant Professor in Department of Biotechnology

**DURATION** : 2007 – 2009

## RESEARCH EXPERIENCE

**ORGANIZATION** : St. Joseph's College, (Autonomous), Tiruchirappalli.

**DESIGNATION** : **Junior Research Fellow (JRF)**

**DURATION** : 2004 – 2007

**Title:** Popularization of Orchid floriculture among rural masses by the adoption of Mycorrhizal fungal technology. Sponsored by the Department of Science and Technology, Government of India, New Delhi.

## NPTEL ONLINE CERTIFICATE COURSE

- ✓ Successfully Completed 8- week Online NPTEL Certification Course on “Forests and their Management” with a consolidated score of 55%, Jan – April, 2020.

## STAFF APPROVAL

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

## **\*\* PATENT \*\***

Deep learning based approach to study the characteristics of various micro plastic degrading enzymes that are released from microorganisms.

- ✓ Application No.202241040364 A
- ✓ Publication Date: 22/07/2022

## **Ph.D SCHOLARS AWARDED UNDER MY GUIDANCE**

- **Ms. D. VITHYA** (Part – Time Research Scholar)

**Ref. No:** 18997/Ph.D. K9/Biotechnology/Part-Time/November 2018.

**Title of the Thesis:** Green Synthesis of Silver Nanoparticles and Exploring the Antioxidant, Antidiabetic and Anticancer Potential of *Pterocarpus indicus* Willd. Stem Bark and Leaves Extracts.

## **Ph.D SCHOLARS PURSUING UNDER MY GUIDANCE**

- ✓ **Ms. D. Deepalakshmi**, Asst. Professor, Sri Sarada Niketan College, Karur.
- ✓ **Ms. Ruth Daniel** (NRI) Faculty of Natural Science, Dept. of Biology, University of Guyana, South America.
- ✓ **Mr. B. Maheswaran**, Asst. Professor, ANJAC, Sivakasi.

## **M.Phil SCHOLARS AWARDED UNDER MY GUIDANCE**

- ✓ **C. Deepa** (2012), *In vitro* Culture Studies and Antimicrobial Activities of *Coleus aromaticus* Benth – A Valuable Medicinal Plant.
- ✓ **S. Deborah** (2012), Biodegradation of Distillery Effluent by Plant and Microbes.
- ✓ **P. Gomathi** (2013), Phytochemical Analysis, Antibacterial and Anticancer Activity of *Dodonaea viscosa* Linn.
- ✓ **S. Supaida** (2014), Drug Activity Studies in Chemical Component of *Alpinia calcarata* Rosc.
- ✓ **M. Nithya** (2014), Phytochemical Screening and Comparative Analysis of *In vitro* Antidiabetic Activity of *Wattakaka volubilis* Linn. and *Gymnema sylvestre* Linn.
- ✓ **M. Shahanaz Begum** (2015), *In vitro* Antidiabetic Activity of *Psidium guajava* Linn. and *Syzygium cumini* Linn.
- ✓ **B. Maheswaran** (2019), Dengue drug designing and SiO<sub>2</sub> Nano-particles Assessment for the Selected Plant Compounds against Dengue Vector.

## RESEARCH COLLABORATION (Ph.D., Scholars Co-guide)

- Co-guide of **Ms. Aiswarya** (Reg. No: BDU2110372779647) under the guidance of Dr. S. Rajakumar, Asst. Professor, Dept. of Marine Biotechnology, Bharathidasan University, Trichy, (2021).
- Co-guide of **Ms. S. Dhayanithi** under the guidance of Dr. P. Chellapandi, Associate Professor and Head, Dept. of Bioinformatics, Bharathidasan University, Trichy, (2022).
- Co-guide of **Ms. R. Sagaya Princy** under the guidance of Dr. S. Rajakumar, Asst. Professor, Dept. of Marine Biotechnology, Bharathidasan University, Trichy, (2021).
- Co-guide of **Ms. K. Indira** under the guidance of Dr. K. Anbarasu, Associate Professor and Head, Dept. of Marine Biotechnology, Bharathidasan University, Trichy, (2023).
- Co-guide of **Ms. K. Vinodhini** under the guidance of Dr. S. Umamaheswari, Assistant Professor, Dept. of Environmental Biotechnology, Bharathidasan University, Trichy, (2023).

## BOARD OF STUDIES MEMBER

- ✓ **Subject Expert** for UG and PG Biotechnology Board of Studies (BOS) meeting in PG & Research Department of Biotechnology, Mahendra Arts and Science College (Autonomous), Namakkal.
- ✓ **Subject Expert** for UG and PG Biotechnology Board of Studies (BOS) meeting in PG & Research Department of Biotechnology, ANJAC College, Sivakasi.
- ✓ **Subject Expert** for UG and PG Life Science Board of Studies (BOS) meeting in PG & Research Department of Life Science, PRIST University, Thanjavur.

## AWARDS AND CERTIFICATE RECEIVED

- Lead Auditor of Environment Management Audits – by Nature Science Foundation, Coimbatore from 01<sup>st</sup> September, 2022 to 31<sup>st</sup> December, 2027.
- Best faculty Award - by Nature Science Foundation, Coimbatore on 25<sup>th</sup> February 2023.
- Certified lead auditor in Green Campus, Environment, Energy and Waste Management Audits by Nature Science Foundation, Coimbatore since 2022.

## RESOURCE PERSON

- ✓ Act as a resource person in TNSCST sponsored “Creation of Scientific awareness to the Nagapattinam (District) School Students” on 28<sup>th</sup> June, 2012, conducted by Department of Chemistry, AVC College (Autonomous), Mayilladuthurai.
- ✓ 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.

- ✓ Acted as resource Person in the 'In-service Training Programme for Secondary Grade Science Teachers' sponsored by TNSCST, Chennai and organized by Dept. of Biotechnology, Dhanalakshmi Srinivasan college of Arts and Science for women, Perambalur, held during 3<sup>rd</sup> – 7<sup>th</sup> August, 2015.
- ✓ Acted as a resource Person in Biotechnology Department Association activity in Cauvery College, Tiruchirappalli on 12<sup>th</sup> September, 2018.
- ✓ Acted as a resource Person in Microbiology Department Association activity in Dhanalakshmi Srinivasan College of Arts and Science, Perambalur on 20<sup>th</sup> September, 2018.
- ✓ Acted as a resource Person in Biotechnology Department Association activity in Sri Bharathi Arts and Science College, Pudukkottai on 15<sup>th</sup> December, 2021.
- ✓ Acted as a resource Person in PRIST University, Thanjavur, one-day seminar on applied Biology, on 04<sup>th</sup> May, 2022.
- ✓ Acted as a resource Person in KSR College of Technology, Tiruchengode, Technical paper writing skills – A Biological Approach, on 29<sup>th</sup> September, 2022.

#### DOCTORAL COMMITTEE MEMBER FOR Ph.D SCHOLARS

- ✓ Mr. K. Ramanathan, Ph.D Scholar, Dept. of Biotechnology, Srimad Andavan Arts and Science College, Trichy.
- ✓ Ms. J. Bhuvaneshwari, Ph.D Scholar, Dept. of Biotechnology, Srimad Andavan Arts and Science College, Trichy.
- ✓ Ms. B. Vasuki, Ph.D Scholar, Dept. of Biotechnology, Srimad Andavan Arts and Science College, Trichy.
- ✓ Ms. T. Padmadevasena, Ph.D Scholar, Dept. of Biotechnology, Srimad Andavan Arts and Science College, Trichy.
- ✓ Ms. G. Tharani, Ph.D Scholar, Dept. of Biotechnology, Bharath College of Science and Management, Thanjavur.
- ✓ Ms. D. Benasir, Ph.D Scholar, Dept. of Biotechnology, Bharath College of Science and Management, Thanjavur.
- ✓ Ms. Uma Maheswari, Ph.D Scholar, Dept. of Biotechnology, Srimad Andavan Arts and Science College, Trichy.

#### PAPER PUBLICATIONS

1. Deepalakshmi Duraisamy, Ruth Daniel, **Joseph Sebastin Raj**, Krishnasamy Gobalan and Vithya Dharmaraj. (2023). Optimization and characterization of SNP synthesized from endophytes *Rhizopus* sp. Fungi isolated from *Abutilon indicum* (L.) Sweet. Indian Journal of Natural Science. 14 (78).

2. Ruth Daniel, **Sebastin Raj J**, Ansari A, Maheswarn B. and Vithya D., (2023). Evaluation of bioactive phytochemicals from *Cecropia peltata* L. against BRCA proteins by *in silico* approach. Indian Journal of Natural Sciences. Vol. 14 (78).
3. Ruth Daniel, **Sebastin Raj J**, Ansari A, Vithya D., (2023). Assessment of antioxidant, antimicrobial and anti-inflammatory potential of ethyl acetate and ethanolic extracts of *Cecropia peltata* L. leaf extracts” “International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)” Vol. 12 (6).
4. Deepalakshmi. D and **Sebastin Raj J**. (2022). Antioxidant, Antidiabetic, Antimicrobial and Anticancer Activity of SNP from Endophytic Fungi *Rhizopus delemer*, Indian Journal of Natural Sciences, Vol.13 (73). 1-12.
5. Deepalakshmi. D and **Sebastin Raj J**. (2022). Phytochemical, Pharmacological and Growth Promoting Study of Endophytic Fungi *Rhizopus delemer* Isolated from *Abutilon indicum* (L) Sweet. International Journal of Life science and Pharma Research, Vol.12(6), 8-17.
6. Baskaran Maheswarana, Mysoon Al-Ansarib, Latifah Al-Humaidb, **Joseph Sebastin Raj**, Woong Kimc, Natchimuthu Karmegamd, Kasim Mohamed Rafi (2022). *In vivo* degradation of polyethylene terephthalate using microbial isolates from plastic polluted environment. Chemosphere, Vol. 310, 1-11.
7. Baskaran Maheswaran, Natchimuthu Karmegam, Mysoon Al-Ansari, Ramasamy Subbaiya, Latifah Al-Humaid, **Joseph Sebastin Raj**, Muthusamy Govarthanam (2022). Assessment, Characterization and quantification of microplastic from river sediments, Chemosphere, Vol. 298, 1-11.
8. Baskaran M and **Sebastin Raj J**, (2021). Molecular docking of phytochemicals against dengue NS2B/NS3 protease: A study from virtual perspective, International Journal of Advance and Innovative Research, Vol 8(1).
9. Vithya D and **Sebastin Raj J**, (2021). Synthesis of Silver nanoparticles using leaves and stem bark of *Pterocarpus indicus* and its activity on human breast cancer cell line (MCF-7), International Journal of Pharmaceutical Sciences and Research, Vol. 12(9). 4807-4816.
10. Vithya D and **Sebastin Raj J**, (2021). Phytochemical profiling and GC-MS analysis of *Pterocarpus indicus* Willd. Using ethanolic stem bark and leaves extract. International Journal of Botany Studies, Vol.6(1), 395-399.
11. Vithya D and **Sebastin Raj J** (2021). Antioxidant and antidiabetic activity of synthesized silver nanoparticles using leaves and stem bark of *Pterocarpus indicus* Willd., International Journal of Biology, Pharmacy and Allied Science, Vol.10 (6): 1763-1783.
12. Sugapriya Menaga Paulraj, Maheswaran Baskaran, Sakkanan Ilango, Geetha Paramasivam and **Joseph Sebastin Raj**, (2020). *In silico* and

proteomic analysis of Dengue vector Midgut proteins treated by *Aegle marmelos* Bioactive compounds, International Journal of Research in Advent Technology, Vol.8 (6).

13. Mythili R, Selvankumar T, Srinivasan P, Sengottaiyan A, **Sebastin Raj J**, FuadAmeen, AhmedAl-Sabri, S.Kamala-Kannan, M.Govarthanan (2018). Biogenic synthesis, characterization and antibacterial activity of gold nanoparticles synthesized from vegetable waste, Journal of Molecular Liquids, (262) 318-321.
14. Philip Robinson, J, Jyoti Prasad Kakati, **Sebastin Raj J**, Suriya K (2017). *In vitro* seed germination of *Cymbidium aloifolium*(L.) sw., a potential medicinal orchid from Eastern Ghats of Tamil Nadu, India. Journal of Plant Biotechnology, 44(3): 343-348.
15. Deborah, S and **Sebastin Raj J** (2016). Bioremediation of heavy metals from distilleries effluent using microbes. Journal of Applied and Advanced Research, 1 (2): 23-28.
16. **Sebastin Raj J**, John Britto, S., Vinoth Kumar, D., Philip Robinson J and Thangavel P. (2014). Rapid Propagation of *Vanda testacea* (Lindl.) Rchb.F. – A Highly Medicinal Value Epiphytic Orchid of India. World Journal of Agricultural Sciences 10 (5): 223-230.
17. **Sebastin Raj 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.
18. **Sebastin Raj 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.
19. **Sebastin Raj J** and Inayath Sidique, K.M., (2011). *In vitro* rapid clonal propagation of *Aristolochia bracteolata* Lam. (Aristolochiaceae). – a valuable medicinal plant. World Journal of Agricultural Sciences. 7 (6): 653-658.
20. Vinoth Kumar, D., John Britto, S., **Sebastin Raj 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.
21. Philip Robinson, J., Balakrishnan, V., **Sebastin Raj J** and John Britto, S. (2009). Antimicrobial Activity of *Alphinia calcarata* Rosc. And characterization of new  $\alpha,\beta$  unsaturated carbonyl compounds. Advances in Biological Research. 3(5-6): 185- 187.

22. **Sebastin Raj, 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.
23. Philip Robinson, J., John Britto, S., **Sebastin Raj 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.
24. **Sebastin Raj 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.
25. John Britto, S., Senthilkumar, S., **Sebastin Raj J.**, Philip Robinson, J and Vinothkumar, D. (2004) *In vitro* Seed germination, Protocorm Growth and Development of *Dendrobium aqueum* Lindl. RETELL. Vol: 5, No:1.
26. Francis Xavier, T., Senthilkumar, S., Okoh, A.I and **Sebastin Raj 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.

#### PAPER PRESENTATION

1. **Sebastin Raj, 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.
2. Vinothkumar, D., John Britto, S., **Sebastin Raj, 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.
3. Philip Robinson, J., John Britto, S., Vinothkumar, D., **Sebastin Raj, 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.
4. **Sebastin Raj J**, Manoharan K and Paliwal K, 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 1<sup>st</sup> June 2008.

5. **Sebastin Raj, 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.
6. Abinaya, S, Kavitha, N., and **Sebastin Raj, J.** Phytoremediation of industrial effluent using the technique of root zone cleaning system. State level seminar on “Emerging Advancements in Biosciences” 17<sup>th</sup> March, 2012. Dept. of Microbiology and Biotechnology, JMC, Trichy.
7. Kavitha, N., Abinaya , S, and **Sebastin Raj, J.** Studies on *in vitro* regeneration and genetic transformation in Cucumber (*Cucumis sativus* L.). State level seminar on “Emerging Advancements in Biosciences” 17<sup>th</sup> 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’24<sup>th</sup> 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 23<sup>rd</sup> – 24<sup>th</sup> February 2008, Mahendra Arts and Science College, Namakkal.
4. National Workshop on Methods in *in vitro* Toxicology, dated on 14-23<sup>rd</sup> September, 2011 (10 days workshop). Organized by MGDC, Bharathidasan University, Tiruchirappalli.
5. State Level Workshop on “Structural Bioinformatics and Protein 3-D Structure Visualization”, on 28<sup>th</sup> 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, 5<sup>th</sup> and 6<sup>th</sup> October, 2010.
5. Seminar on “Creating Competitiveness to excel in higher education – a TQM approach” organized by IQAC, JMC, Trichy, on 8<sup>th</sup> December, 2010.
6. National level forum on emerging debates on communicable disease, organized by Dept. of Microbiology, JMC, Trichy, held on 28<sup>th</sup> February, 2011.
7. Colloquium on “3R Concept and its practice in academia and research” organized by MGDC in Bharathidasan University, Trichy, on 2<sup>nd</sup> October, 2011.
8. A one-day Seminar on ‘Teaching, Learning and Research in Higher Education- Excellence and Beyond Excellence’ organized by the IQAC, JMC, Trichy on 7<sup>th</sup> March 2012.
9. Two-day National conference on ‘Current Challenges in Environment’ organized by the Dept. of Zoology, JMC, Trichy, on 7-8<sup>th</sup> March, 2013.
10. Science Academies Lecture workshop on ‘Recent Trends in Biology and Biotechnology’ organized by Dept. of Biotechnology, JMC, Trichy, on 29<sup>th</sup> to 31<sup>st</sup> January, 2014.
11. UGC sponsored National seminar on Recent Trends in Botany, organized by Dept. of Botany, JMC, Trichy, on 24<sup>th</sup> February, 2016.
12. One-day Seminar on ‘Intellectual Property Rights and Patenting in Life Sciences: Problem and Prospects’, organized by Dept. of Botany, JMC, Trichy, on 1<sup>st</sup> March, 2018.
13. One-day lecture series on ‘Traditional Biotechnology for a better tomorrow’ organized by Dept. of Biotechnology, St. Joseph’s College, Trichy, on 2<sup>nd</sup> March, 2018.
14. State level seminar on ‘Conservation of Biological Diversity’ organized by Dept. of Zoology, Periyar EVR College, Trichy, on 5<sup>th</sup> March, 2019.

#### **ORGANIZING SECRETARY**

- ✓ National Seminar on RTLS – 2015, 25<sup>th</sup> February, 2015.
- ✓ International Seminar on ETBR- 2018, 3<sup>rd</sup> March, 2018.

#### **ORGANIZING COMMITTEE MEMBER**

- ✓ Organizing committee members in Modern Trends in Healthcare Biotechnology and Environment, organized by the Department of Biotech Sciences between 22<sup>nd</sup>

-23<sup>rd</sup> February 2008, Mahendra Arts and Science College, Namakkal.

- ✓ Organizing committee members in one-day state level seminar on Beacon Biotech, organized by the Department of Biotech Sciences dated on 20<sup>th</sup> February 2009, Mahendra Arts and Science College, Namakkal.
- ✓ Organizing committee members in State level seminar on “Emerging Advancements in Biosciences” 17<sup>th</sup> March, 2012. Dept. of Microbiology and Biotechnology, JMC, Trichy.
- ✓ Organizing committee members in National seminar on “Frontiers in Biosciences” on 5<sup>th</sup> March, 2016. Dept. of Microbiology and Biotechnology, JMC, Trichy.

### **IQAC SEMINARS**

- ✓ UGC sponsored State level seminar on Examination Reforms, on 12<sup>th</sup> March, 2010 in JMC, Trichy.
- ✓ NAAC Sponsored National Level Seminar on Quality enhancement in teaching, research and extension in higher education institutions – prospects and problems, on 15-16<sup>th</sup> April, 2010 in JMC, Trichy.
- ✓ One-day seminar on ‘Creating competitiveness to excel in higher education – a TQM approach’ on 8<sup>th</sup> December, 2010 in JMC, Trichy.
- ✓ One-day seminar on ‘Teaching learning and research in higher education – excellence and beyond excellence’ on 7<sup>th</sup> March, 2012 in JMC, Trichy.
- ✓ Staff enrichment programme on ownership culture on 14<sup>th</sup> June, 2019 in JMC, Trichy.

### **MEMBERSHIP IN JAMAL MOHAMED COLLEGE**

- ✓ *Member In-charge (MID)* of Biotechnology Department Since Dec’ 2013 to till date
- ✓ Meeladunnabi function – vice-president (2015)
- ✓ Students Healthcare Centre – Advisor (since 2016 to till date)
- ✓ Academic council member (Since 2018 to till date)
- ✓ College Staff Association (department in-charge)
- ✓ Department Association activity – Vice-president
- ✓ IQAC – Microcell member since 2012-2017 (department in-charge)
- ✓ NIRF (department in-charge)

### **ACTED AS JURY**

- ✓ Acted as Jury in the event of CARTOONIST in Animalia -2K19 (A state level inter collegiate Extravaganza), organized by the PG & Research Department of Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 10<sup>th</sup> October, 2019.

## ADDRESS FOR COMMUNICATION

### Office

Assistant Professor & Head  
Department of Biotechnology  
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### Residence

Plot No: 260, Noah's Ark Illam  
Rock View City- Sankar Nagar  
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Tiruchirappalli – 620010.  
Tamilnadu, India.  
Cell Phone No: 9095159383 / 6379274289

## REFERENCE

### **DR. S. Ismail Mohideen**

Principal  
Jamal Mohamed College (Autonomous)  
Tiruchirappalli – 620020  
Cell Phone No: 98941 13582  
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### **Dr. S.R. Senthil Kumar**

Associate Professor and Head  
Dept. of Botany  
St. Joseph's College (Autonomous)  
Tiruchirappalli – 620002.  
Mobile No: 8489100777  
*e.mail: senthilkumar\_bo1@mail.sjctni.edu*

## PERSONAL INFORMATION

Father's Name : Joseph  
Mother's Name : Amul Mary  
Nationality : Indian  
Religion : Christian  
Date of Birth : 08-05-1978  
Marital Status : Married

## DECLARATION

I hereby declare that all the above-mentioned details are correct to the best of my knowledge and belief.

Yours sincerely

**(J. Sebastin Raj)**