

Curriculum Vitae

Name : **Rev. Dr. L. John Peter Arulanandam Ph.D.**
Date of Birth : 28.07.1971
Designation : Assistant Professor, Department of Botany,
The Director
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St. Joseph's College (Autonomous)
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Education :

Institution/University	Degree	Year of passing	Class/Declaration
St. Xavier's College (Autonomous), Palayamkottai, Tamil Nadu, India	B.Sc. Botany	1992	First
St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India	M.Sc. Botany	2001	First
Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, India	Ph.D. Botany	2009	Highly Commended

Awards/Achievements

01. Thiru James Lazarus Endowment Cash Award for the Best Academic Performance, M.Sc. Botany, 16th March 2000, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India.
02. The Fr. Du Fanquet Medal for Outstanding Academic Performance, M.Sc. Botany, 16th March, 2002, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India.
03. Thiru Ramasamy and Thirumathy Chellammal Endowment Cash Award for Best Outgoing Student, M.Sc. Botany, 16th March 2002, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India.

04. The Prof. V. Rangarajan Medal for Outstanding Academic Performance M.Sc. Botany,
16th March 2002, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India.

Teaching Experience

Institution	Position held	From	To
St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India	Assistant Professor in Botany	March 2020	Till date
St. Xavier's College (Autonomous), Palayamkottai, Tamil Nadu, India	Assistant Professor in Botany	June 2010	February 2020

Research

Ph.D., Thesis : **Micropropagation and conservation of two selected Rare and
Endangered Ferns of Western Ghats of South India.**

Research Project Completed

1. A minor research project was completed on Floristic survey, Vegetation analysis and Micropropagation of rare and endangered plants in Gangaikondan Spotted Deer Reserve Forest in Tirunelveli Forest Division, Tamil Nadu, India.

Ongoing Research Project

1. Taxonomic Revision of Iphigenia (Colchicaceae) in Tamil Nadu and Species identity based on Integrative Taxonomy, 2023, St. Joseph's College, Tiruchirappalli.

Ph. d Scholars Guided

1. A. Amirtham, 2023, Studies on Pteridophyte Flora of Meghamalai Wildlife Sanctuary, Western Ghats, South India.

Research Publications

1. S. Soosairaj, M. Mary Nithya, P. Raja & **L.J.P. Arulanandam** (2024). Reinstatement of *Acalypha fallax* Mull. Arg. and description of *A. brittoi* sp. nov. based on micromorphological and molecular characters. Nordic Journal of Botany 2024: e04505
2. P. Raja, S. Soosairaj, **L.J.P. Arulanandam** & A.J.K. Tagore (2024). Synoptic account on angiosperm flora of Pudukkottai district, Tamil Nadu, India. Nelumbo 66(1): 06-36. DOI: 10.20324/nelumbo/v66/2024/173281

3. Amirtham A, Irudayaraj V, **John Peter Arulanandam L** (2023). Reinvestigation on the cytology *Christella hispidula* (Dence) Holttum (Thelypteridaceae) from Meghamalai, Western Ghats, South India. *Indian Fern Journal* 40(2): 82-92.
4. Raja P, **John Peter Arulanandam L**, Soosairaj S, Johny Kumar Tagore (2023). *Dipcadi krishnadevarayae* B.R.P. Rao (Asparagaceae): A new distributional record of an endemic geophyte to Tamil Nadu, India, *Species* 24, e66s1569
5. Raja P, **Arulanandam L.J.P.** Soosairaj S, Kabeer K.A.A, (2023), A New Species of *Justicia* (Acanthaceae) from Tamil Nadu, India, *Adansonia*, 45, 285-291
6. **Arulanandam, L.J.P.**, Soosairaj, S., Raja, P. & Balaguru, B. (2022). *Therriophnum blumei* (Araceae), a new species from Tamil Nadu, India. *Nordic Journal of Botany* e03612, 1–7.
7. A. Amirtham V. Irudayaraj, A. Benniamin and **L. J. P. Arulanandam** (2022), Cytology of The Rare and Threatened Sickle Fern *Pellaea Falcata* (Pteridaceae: Pteridophyta) From India, *FERN GAZ.* 21(8): 489-493.
8. Lincy, J., Soosairaj, S., Dhivya, R. & **Arulanandam, L.J.P.** (2022). A new species of *Psydrax* (Rubiaceae: Vanguerieae) from Tamil Nadu, India. *Phytotaxa* 533 (4): 223-229.
9. A. Amirtham, V. Irudayaraj, **L. John Peter Arulanandam** and V. Ramesh (2020), New Distributional Records of Threatened Clubmoss *Huperzia Phyllantha* (Hook. & Arn.) Holub (Lycopodiaceae: Pteridophyta) From Meghamalai Wildlife Sanctuary, Western Ghats, South India, *Indian Fern J.* 37 :85-91.
10. **Arulanandam, L.J.P.** & Ghanthikumar, S. (2019). Micropropagation and Conservation of an endemic medicinal plant *Tylophora subramanii* A.N.Henry. *ReTeLL*, 21: 13-21
11. **Arulanandam, L.J.P.** & Ghanthikumar, S. (2019). In vitro Propagation and conservation of *Maerua apetala* (Spreng.) M.Jacob. *ReTeLL*, 21: 5-12.
12. A. Amirtham, V. Irudayaraj and **L. John Peter Arulanandam** (2018), Cytology of Some Ferns from High Wavy Mountains (Meghamalai), Western Ghats, South India, *Indian Fern J.* 35 :41-49.
13. A. Amirtham, V. Irudayaraj and **L. John Peter Arulanandam** (2018), Cytological Studies on An Endemic Fern *Polystichum Palniense* Fraser-Jenk. (Dryopteridaceae) From the Western Ghats, South India *Indian Fern J.* 35 :309-313.
14. **Arulanandam, L.J.P.**, Ghanthikumar, S. & Arunkumar, T. (2015). In vitro propagation of Rain Lily (*Zyphyranthes citrine* L.). *Botanical Report* 4(4):5-7.
15. Murugan, C., Ganthikumar, S., **Arulanandam, L.J.P** & Gopalan, R. (2015). Rediscovery of *Miliusa wightiana* Hook. f. & Thomson (Annonaceae) from type Locality and its Environ. *Ind. J. Forestry* 38(1): 57-60.

16. **Arulanandam, L.J.P.**, Ganthikumar, S. & Narmada, M. (2014). In vitro propagation of *Tephrosia spinosa* through nodal explants, *Int. J. Biol. Technology* 5(1):9-13.
17. Ganthikumar, S., **Arulanandam, L.J.P.** & Henry Joseph L (2013). Micropropagation of *Coccinia indica* Wight & Arn. - A medicinal plant. *Int. J. Appli. Bio. Res* 18:1-4.
18. **Arulanandam, L.J.P.**, Ganthikumar, S., & G.P. Suma (2011) Clonal Propagation of an Important Medicinal Plant *Xanthium indicum* Koeing, *RETELL*, 10&11(2): 97-100.
19. **Arulanandam, L.J.P.**, Rose, L., Rosakutty, P.J. & Ganthikumar, S. (2011). In vitro propagation of *Coleus amboinicus* Lour., -An aromatic medicinal plant, *Journal of Basic and Applied Biology*, 6(1&2):163-166.
20. **Arulanandam, L.J.P.** & Ganthikumar, S. (2011) Indirect organogenesis of *Vitex trifolia* L. - An important medicinal plant, *Indian journal of Natural Products & Resources*, 2(2):261-264.
21. **Arulanandam, L.J.P.**, Ganthikumar, S. & Sowmini (2011). Micropropagation and Conservation of rare medicinal plant Wattakaka *volubilis* (Linn.) Stapf, *Indian Journal of Biotechnology*, 10:238-241.
22. **Arulanandam, L.J.P.**, Ganthikumar, S. & Anuchitra (2011). In vitro propagation of *Orthosiphon thymiflorus* (Roth) Sleesen – an Important medicinal plant. *Journal of Basic and Applied Biology*, 5(1&2):163-166.
23. **Arulanandam, L.J.P.** & Britto, A.J.D. (2010). Phytochemical screening and antimicrobial property of *Polystichum squarrosum* (D.Don)Fee., *RETELL*, 10&11(2): 97-100.
24. **Arulanandam, L.J.P.**, Ganthikumar, S. & Ajitha (2010). Micropropagation of *Mukia maderaspatana* (L.) M.J. Roem– A medicinally important plant. *Journal of Basic and Applied Biology*, 4(1&2):5-9.
25. **Arulanandam, L.J.P.**, Britto, A.J.D. & Manickam, V.S. (2008). Micropropagation of *Orthosiphon stamineus* Benth., An important Medicinal plant, *Ind. J. Bot. Res*, 4(1):59-63.
26. **Arulanandam, L.J.P.**, Britto, A.J.D. & Manickam, V.S. (2007) In vitro propagation of *Acalypha fruticosa* Forssk., An important Medicinal plant, *Ind. J. Bot. Res*, 3(1):223-228.

Gene sequences submitted to NCBI, USA

1. **Arulanandam, L.J.P.** and **Raja, P.** (2024). *Iphigenia mysorensis* ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds;chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PP916226>

2. **Arulanandam, L.J.P.** and Raja, P. (2024). *Iphigenia mysorensis* ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds;chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PP925868>
3. **Arulanandam, L.J.P.** and Raja, P. (2024). *Iphigenia mysorensis* trnF-trnL intergenic spacer and tRNA-Leu (trnL) gene, partial sequence; chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PP931972>
4. **Arulanandam, L.J.P.** and Raja, P. (2024). *Iphigenia mysorensis* maturase K (matK) gene, partial cds;chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PP947803>
5. **Arulanandam, L.J.P.** and Raja, P. (2024). *Iphigenia indica* ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds;chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PP965718>
6. **Arulanandam, L.J.P.** and Raja, P. (2024). *Iphigenia indica* ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds;chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PP982636>
7. **Arulanandam, L.J.P.** and Raja, P. (2025). *Iphigenia magnifica* ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds; chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PQ821687>
8. **Arulanandam, L.J.P.** and Raja, P. (2025). *Iphigenia magnifica* trnF-trnL intergenic spacer, partial sequence; and tRNA-Leu (trnL) gene, complete sequence; chloroplast <https://www.ncbi.nlm.nih.gov/search/all/?term=PQ858775>
9. Egbert Selwin Rose, A., Jayakumaran, R., and **John Peter Arulanandam, L.** (2023). *Irpex laceratus* isolate SJC 10R small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1 and 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence. <https://www.ncbi.nlm.nih.gov/nuccore/OQ564373.1/>
10. Egbert Selwin Rose, A., Jayakumaran, R., and **John Peter Arulanandam, L.** (2023). *Irpex laceratus* isolate SJC 9R small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1 and 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence. <https://www.ncbi.nlm.nih.gov/nuccore/OQ560695.1/>
11. Egbert Selwin Rose, A., Jayakumaran, R., and **John Peter Arulanandam, L.** (2023). *Xylaria* sp. isolate SJC 7R small subunit ribosomal RNA gene, partial sequence; internal transcribed

spacer 1 and 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence. <https://www.ncbi.nlm.nih.gov/nuccore/OQ560620.1/>

12. Egbert Selwin Rose, A., Jayakumaran, R., and **John Peter Arulanandam, L.** (2023). *Colletotrichum boninense* isolate SJC 8R small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, complete sequence; and 5.8S ribosomal RNA gene, partial sequence. <https://www.ncbi.nlm.nih.gov/nuccore/OQ560581.1>
13. Egbert Selwin Rose, A., Jayakumaran, R., and **John Peter Arulanandam, L.** (2023). *Trichoderma harzianum* isolate SJC 1R small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1 and 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence. <https://www.ncbi.nlm.nih.gov/nuccore/OQ560578.1>
14. Egbert Selwin Rose, A., Jayakumaran, R., and **John Peter Arulanandam, L.** (2022). *Phlebiopsis magnicystidiata* isolate SJC3 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence. <https://www.ncbi.nlm.nih.gov/search/all/?term=OQ073844>

Workshops Organized

1. One-Day workshop on **Plant identification and Herbarium Techniques** on 24th February 2023 at Rapinat Herbarium and Centre for Molecular Systematics, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu.

Papers Presented:

1. **L. John Peter Arulanandam**, A. Amirtham and V. Irudayaraj, 2023. Cytomorphology of the Endemic Polypodioid Fern *Microsorium cuspidatum* (D.Don) Tagawa Subsp. *beddomei* (S.R.Gosh) Fraser-Jenk, XVIII Annual Meeting of Indian Fern Society and International Symposium on Seedless vascular plant research and transdisciplinary approaches: Biodiversity exploration and sustainable livelihood, November 2023, P. 49, University of Kalyani, Kalyani, West Bengal.
2. **L. John Peter Arulanandam**, P. Raja, A. Prakash, N. Rajesh and K. Kausigan, 2024, Preliminary Phytochemical Screening and GCMS analysis of *Senegalia tanjorensis* (Fabaceae): an unexplored endemic tree, National Conference on Advances in Medicinal Plant Research (NAMPR 24), P.17, Department of Botany, St. Xavier's College, Palayamkottai, Tirunelveli on 29th February 2024.
3. **L. John Peter Arulanandam** and P. Raja, 2025. Study of Endemic and Threatened Plants of Selected Sacred Groves in Pudukkottai District of Tamil Nadu, India, in:

International conference on Biodiversity & Climate Change (ICBCC-2025) organized by the Department of Botany & Zoology, St. Xavier's College (Autonomous), Palayamkottai, Tirunelveli on 13th & 14th February 2025.

Faculty Induction Programme / Refresher / Short Term Course Attended

1. Induction Training Programme from 14.11.2018 to 13.12.2018, Organized by The Gandhigram Rural Institute – Deemed to be University, Gandhigram
2. Refresher Course in Life Science from 17.03.2023 to 30.03.2023, Organized by HRDC, Madurai Kamaraj University, Madurai
3. Refresher Course in Botany from 29.07.2023 to 13.08.2023 Organized by Teaching Learning Centre, Ramanujan College, University of Delhi
4. Refresher Course in Botany from 17.08.2023 to 30.08.2023 Organized by HRDC, Bharathiar University, Coimbatore.
5. Psychological Skills for Teaching and Learning from 10.10.2023 to 16.10.2023 Organized by Teaching Learning Centre, Ramanujan College, University of Delhi
6. Advanced Pedagogical Techniques from 31.10.2023 to 06.11.2023 Organized by Teaching Learning Centre, Ramanujan College, University of Delhi
7. National Level Virtual Faculty Development Programme on 'Emerging Trends in Plant Sciences' from 04th March to 11th March, 2024, Department of Botany, Bishop Heber College, Tiruchirappalli – Tamil Nadu -17

Seminars/Conferences/Workshops Participated

1. National Seminar on Human Rights issues and challenges for college Teachers, 09 & 10th December, 2011, St. Xavier's College, Palayamkottai.
2. ICT enabled Teaching – Learning through Smart Class Room Facility, 29th September, 2011, St. Xavier's College, Palayamkottai
3. National Seminar on Human Rights Issues and Challenges for College Teachers, 9th & 10th December, 2011, St. Xavier's College, Palayamkottai
4. National Symposium on Plant Tissue Culture, 19-21st January, 2012, St. Xavier's College, Ahmedabad, Gujarat.
5. National Seminar on Sustainable Energy for Development – Opportunities and Challenges Ahead, 13th & 14th December, 2012, St. Xavier's College, Palayamkottai

6. Attended Management Development Programme – I from 23rd - 29th December, 2012, conducted by Jesuit Province Professional Training Committee and Jesuit Higher Education, Loyola College, Chennai.
7. Attended Human Values Development Programme at Kodaikanal, 04th – 07th August, 2014, Conducted by All India Association for Christian Higher Education, New Delhi
8. Attended Training Programme on Towards Effective Administration in Higher Education at Chennai, 25th to 27th July, 2014, Conducted by Jesuit Higher Education Association of South Asia.
9. National Seminar on “Innovations in Student-Centered Teaching-Learning Process in 21st Century”, 29th & 30th January 2015, St. Xavier’s College, Palayamkottai.
10. Orientation Programme for Teachers on “Millennium Psychology of Students” Organized by Internal Quality Assurance Cell (IQAC) 14th & 15th June, 2016, St. Xavier’s College, Palayamkottai.
11. Attended Training Programme for Teachers on “Life Skills and Soft Skills for our Students” Organized by Internal Quality Assurance Cell (IQAC) 22nd & 23rd November, 2016, St. Xavier’s College, Palayamkottai.
12. Attended Orientation Programme for Teachers on “Counselling and Mentoring” Organized by Internal Quality Assurance Cell (IQAC), 19th & 20th June, 2017.
13. Attended Science Academics Lecture Workshop on “Plant Taxonomy: Concerns and Strategies”, 12th & 13th February, 2018, Organized by Department of Botany, St. Xavier’s College, Palayamkottai.
14. National Conference on “Climate Change and Sustainable Environment” 15th & 16th March, 2018, Organized by Research Department of Botany, St. Xavier’s College, Palayamkottai.
15. Attended a UGC Sponsored Seminar on Assessment and Accompaniment of Students 30th March, 2019, Organized by St. Xavier’s College, Palayamkottai.
16. Attended National Conference on “Emerging Trends in Algae” (NCETA -2019), 28th & 29th November 2019, Organized by Research Department of Botany, St. Xavier’s College, Palayamkottai.
17. Attended In Service Teacher Training Programme, 05.05.2022 to 06.05.2022 Organized by Tamil Nadu State Council for Higher Education, held in H.H. The Rajah’s College, Pudukkottai.

18. Attended Orientation Programme for the Teaching Faculty on 15.06.2023 and 16.06.2023 Organized by Internal Quality Assurance Cell, St. Joseph's College, Tiruchirappalli.
19. Faculty Development Programme on Intricacies of Writing for Research Publications and Projects on 27.10.2023 Organized by Internal Quality Assurance Cell, St. Joseph's College, Tiruchirappalli.
20. Attended Faculty Development Programme on Patents and Consultancy on 20.11.2023
Organized by Internal Quality Assurance Cell and Joseph Start Up Centre, St. Joseph's College, Tiruchirappalli.
21. Attended national conference on 'Advances in Medicinal Plant Research (NAMPR-2024)' 29th February 2024, Organized by Research Department of Botany, St. Xavier's College, Palayamkottai.
22. Attended two days' workshop on 'Basic Techniques in Animal Cell Culture' 12th & 13th September 2024, Organized by Research Department of Zoology, St. Xavier's College, Palayamkottai.
23. Attended National workshop on 'Plant Taxonomy and Molecular Systematics' 5th & 6th December 2024, Organized by Research Department of Botany, St. Xavier's College, Palayamkottai.
24. Attended International Conference on 'Biodiversity & Climate Change (ICBCC-2025)' 13th & 14th February 2025, Organized by Research Department of Botany and Zoology, St. Xavier's College, Palayamkottai.