Profile

Name: Jeya Jothi George
Gender: Female
DOB: 06/06/1974

Qualification:

S. No.	Degree / Diploma	Subject	Name of the College / University	Year of Passing	Class/Grade
1.	B.Sc.	Botany	St.Mary's College,Tuticorin,TamilNadu	1994	I
2.	M.Sc.	Botany	St.Mary's College,Tuticorin,TamilNadu	1996	I
3.	Agricultural Training	Agriculture	Department of TamilNadu Government Examination	1997	Higher
4..	Ph.D.	Botany	St.Xaviers College,Tirunelveli,TamilNadu	2002	-

Aided [√] Self-Supporting [ ] Management (Day) [ ]

Department: **Plant Biology and Biotechnology**

Total Teaching Experience at Loyola:

S. No.	Department	Category Aided / SS / Mgt (Day) /	From – To (Period)
1.	Plant Biology and Biotechnology	Aided	December 3, 2007 to till date
Teaching Experience (in Loyola):			13 years
Teaching Experience (Outside Loyola):			Nil
Total Research experience (1997 to till date)			

Research Activities:

No of M. Phil. as guide: Guided: 8 Guiding: 1

No of Ph.D. as guide: Guided: 6 Guiding: 4

Positions Held (in Loyola) :(Eg: VP / Dean/ HOD / Director/ Faculty Advisor etc.):

Club ENACTUS (SIFE) Coordinator (2014-17)-Within Loyola College

1. Organized one day Expo on "Terrace Garden "held on 14th February 2017.
2. Conducted three-day hands-on training on 'Baking technology, mixed Fruit Jam, Jelly and Puddy preparations' held on 10th to 12th February 2016.
3. Organized one day regional conference for Enactus students of various colleges, Chennai under the title "ENACTUS, CHENNAI" held on 9th February 2016.
4. Organized one day workshop on "Terrace and Urban Gardening" held on 10th January 2015.
5. Conducted one day demo cum hands on training on "Biopesticide preparation, Mushroom cultivation and Vermicompost" held on 6th December 2014.

Positions Held (Outside Loyola):

S. No.	Name of the Position	Organization / Institution	Duration
1.	Junior Research Fellow	Centre for Biodiversity and Biotechnology, Research Dept. Of Botany, St. Xavier's College (autonomous), Palayamkottai	1997-2000
2.	Senior Research Fellow	Centre for Biodiversity and Biotechnology, Research Dept. of Botany, St. Xavier's College (autonomous), Palayamkottai	2000-2001
3.	Research Associate	Centre for Biodiversity and Biotechnology, Research Dept. of Botany, St. Xavier's College (autonomous), Palayamkottai	2001-2006
4.	Young Women Scientist (DST, New Delhi)	Centre for Biodiversity and Biotechnology, Research Dept. of Botany, St. Xavier's College (autonomous), Palayamkottai	2005-2008

Books/Reports/Chapters/General articles/Abstracts etc.

S.No.	Title	Author's name	Publisher	Year of Publication
1.	Status of floristic diversity in Kalakad-Mundanthurai Tiger Reserve (KMTR), Southern Western Ghats, Tamil Nadu, India. *Environment and Bioethics*	Manickam,V.S. and **G.J. Jothi**	Loyola College	2000
2.	*Check-list of the flora of Tirunelveli hills*, Southern Western Ghats, India	Manickam, V.S., **G.J. Jothi**, C. Murugan and V. Sundaresan	Centre for Bio diversity and Biotechnology, St. Xavier's College, Palayamkottai, Tamil Nadu	2003
3.	*Flora of Tirunelveli hills*, Southern Western Ghats, India (Volume-I) (Polypetalae)	Manickam, V.S., C. Murugan, **G.J. Jothi** and V. Sundaresan	Bishen Singh Mahendra PaulSingh Publication, Dehradun	2008
4.	*Illustration for Flora of Tirunelveli hills*, Southern Western Ghats, India (Volume-II) (Polypetalae)	Manickam, V.S., C. Murugan, **G.J. Jothi** and V. Sundaresan	Bishen Singh Mahendra PaulSingh Publication, Dehradun	2008

Publications

1. Arun Prasanth, R., **Jeya Jothi, G**. and Atshaya, V. 2021. Typification of two names in Myrtaceae from Indian subcontinent. Phytotaxa, 505(3): 297-300
2. Priya, S., Murali, A., Preethi, D.R., Dharanibalaji, K.C. and Jeya Jothi, G. 2021. Green synthesis of silver nanoparticle-embedded poly(methyl methacrylate-co-methacrylic acid) copolymer for fungal-free leathers. Polymer Bulletin (DOI: https://doi.org/10.1007/s00289-021-03714w)
3. Anto Suganya Regis, **Jeya Jothi Gabriel**, 2020. Enzymatic and non-enzymatic antioxidant, anti-inflammatory and anticancer activities of *Floscopa scandens* Lour. Journal of Traditional Chinese Medicine 40(3):473-483.
4. M.Mala and **G.Jeya Jothi**,2020. Screening and Estimation of secondary metabolites in leaf extracts of *Delonix elata* (L.) Gamble and their inhibitory activities against pathogens and Oxidative Stress. International Journal of Pharmaceutical sciences and Nanotechnology 13:3. 4923-4925.
5. Mala Mathiyazhagan, Jeevarani John Raj, and **Jeya Jothi Gabriel**, 2020. Characterization and Antimicrobial Properties of Biofabricated Silver Nanoparticles

Using Different Extracts of *Boerhavia diffusa* L. Advanced Science, Engineering and Medicine Vol. 12, 1–5.

6. L Elizabeth Amalarasi, **G Jeya Jothi**, 2019. BCL2 mediated apoptotic induction potential of the Dnop isolated from *Pachygone ovata* (Poir.) Miers ex Hook. f. & Thomson in MCF-7(human breast carcinoma). International research journal of pharmacy.10(3).190-194.
7. L Elizabeth Amalarasi and **G Jeya Jothi**,2019.Phytochemical profiling and antioxidant activity of the extracts of *Pachygone ovata* (Poir.) Miers ex Hook.f. & Thomson. Journal of Pharmacognosy and Phytochemistry 8(3): 204-209.
8. Sahariya Priya and Gabriel **Jeya Jothi,** 2019. *In Vitro* Cytotoxic Effect of Spikenard Herbal Immobilized Polymer Nano-Biocomposites: Toward Bioinspired Antimicrobial Agent. Polymer composites.Polymer composites 40(6).2301-2310.
9. Jeya Rajendran, Soven Dhawa, **G. Jeya Jothi** and A. Hannah Hepsibah, 2018. Thermal, spectroscopic and in vitro antimicrobial analysis of 2, 20-(2-((carboxymethyl)(2-(2-hydroxyethoxy)-2-oxoethyl)amino)-ethylazanediyl)diacetatocobalt(II)/manganese(II) hydrate. Journal of Thermal Analysis and Calorimetry. 134(3):1965–1973.
10. Arun Prasanth Ravichandran, Hannah Hepisiba and **Jeya Jothi,** 2018. Antimicrobial Screening of Wild *Solanum* Species against Human Respiratory Tract Infecting Biota by Bioautography Method. International Journal of Pharmacognosy and Phytochemical Research. 10(7). 291-296.
11. T.G. Gini and **G. Jeya Jothi,** 2018. Column chromatography and HPLC analysis of phenolic compounds in the fractions of *Salvinia molesta* Mitchell. Egyptian Journal of Basic and Applied Sciences. Press. 5.197-203.
12. A. Hannah Hepsibah, M. Mala and **G. jeya jothi,** 2017. Antimicrobial activity and tlc profiling of *Clerodendrum phlomidis* Linn. f leaf extract against multi-drug resistant clinical pathogens. International Journal of Pharmacy and Pharmaceutical Sciences. ISSN- 0975-1491 Vol 9, Issue 9.
13. M Mala, A Hannah Hepsibah and **G Jeya Jothi,** 2017. Silver Nanoparticles Synthesis Using *Coccinia grandis* (L.) Voigt and *Momordica charantia* L., Its Characterization and Biological Screening. Journal of Bionanoscience. 11, Issue 6. 504-513.
14. A. Hannah Hepsibah and G. Jeya Jothi, 2017. A comparative study on the effect of solvents on the phytochemical profile and biological potential of *ormocarpum cochinchinense* auct. non (Lour.) Merrill. International Journal of Pharmacy and Pharmaceutical Sciences 9, Issue 1. 67-72.
15. Anto Suganya Regis and Jeya Jothi Gabriel, 2017. Antifungal activity of *cyanotis axillaris* (L.) D. Don ex Sweet against opportunistic fungal strains. International Journal of Pharmacy and Pharmaceutical Sciences. 9, Issue 7. 140-143.
16. A. Hannah Hepsibah, **G. Jeya jothi**, 2017. A comparative study on the effect of solvents on the phytochemical profile and biological potential of *Ormocarpum cochinchinense* auct. non (Lour.) Merrill. International Journal of Pharmacy and Pharmaceutical Sciences. 9, Issue 1. 67-72.
17. P. N. Preethi, **G. Jeya Jothi**, Aiyalu Rajasekaran and Ramasamy Arivukkarasu, 2016. HPTLC Fingerprinting of Phenolic Acids and Assessment of Antioxidant Potential of *Pouzolzia bennettiana* Wight a Medicinal Plant from Nilgiri Hills. British Journal of Pharmaceutical Research. 13(3). 1-9.
18. Sahariya Priya, **Gabriel Jeya Jothi**, 2016. Orthopedic application of spikenard herbal

rhizome decorated microstructured polymer biocomposites and their in vitro cytotoxicity. Journal of Orthopaedics.13. 181-189.

19. EV Sheena, **Gabriel Jeya Jothi,** 2015. *In vitro* propagation of *Orthosiphon stamineus* Benth.(Lamiaceae) an important medicinal plant using nodal and leaf explants. The Pharma Innovation Journal. 4(7). 06-10.
20. Edachery Veetil Sheena, **Gabriel Jeya Jothi,** 2015. Comparative phytochemical screening and antioxidant properties of *in vitro* and *in vivo* propagated O*rthosiphon stamineus* benth (Lamiaceae). Asian journal of Pharmaceutical and clinical research. 8(4). 216-220.
21. Thottappilly Gini George, **Gabriel Jeya Jothi,** 2015. Morphology, phytochemical constituents and thin layer Chromatography profiles of secondary and tertiary growth stages of *Salvinia molesta* Mitchell (Salviniaceae). Photon. 116. 328-343.
22. Painthamizharasi Lakshmanan and **Jeya Jothi Gabriel B,** 2015. Comparative phytochemical analysis & free radical scavenging potentials of tubers, shoots, of wild & *in vitro* extracts of *Ruellia tuberosa* L. [Acanthaceae]. 6, Issue, 5. 3988-3990.
23. T G Gini and **G Jeya Jothi,** 2015. *In vitro* Screening of Antibacterial and Antifungal Activity of *Marsilea quadrifolia* Linn. *(*Marsileaceae)Extract. American journal of Phytomedicine and clinical therapeutics. 3 (4). 313-329.
24. Hannah Hepsibah A,**G.Jeya jothi,** 2015. *In vitro* antibacterial activity and phytochemical analysis of *ormocarpum cochinchinense* extracts on nosocomial infection causing bacteria. Pharmaceutical and clinical research. 8(1). 113-116.
25. Sahariya Priya and **Gabriel Jeya Jothi,** 2014. Influence Of Nardostachys Jadamansi DC.into Transparent Polymer Biocomposites for In-Vitro Anti Fungal Efficacy. IOSR Journal of Biological sciences. 9(6). 44-48.
26. Anto Suganya,R. and **G.Jeya Jothi,** 2014. Preliminary phytochemical screening, antibacterial and antioxidant activities of *Commelina nudiflora* (Commelinaceae). Research journal of Pharmacy. 5(11). 852-855.
27. Gini, T.G. and **G. Jeya Jothi,** 2013. Preliminary Phytochemical of Whole Plant Ex*ucida*(Linntracts of *Peperomia pell*.) HBK (Piperaceae) and *Marsilea quadrifolia* Linn. Screening (Marsileaceae). International Journal of Pharmacognosy and Phytochemical Research. 5(3).200-214.
28. **Jeya jothi,G**.,A.Benniamin, M.Maridoss and G.Raju, 2009. Identification of essential oils composition and antifungal activity of *Eugenia singampattiana* fruits. Pharmacology online. 2.727-733.
29. **Jothi,G.J.,**A.Benniamin and V.S.Manickam, 2008. Glimpses of Tribal knowledge of Tirunelveli hills,WesternGhats,India. Ethanobotanical leaflets. 12. 118-126.
30. Muthukumar, **G.J. Jothi** and V.S.Manickam, 2007. Micropropagation of *Phyllanthus urinaria* L. – A medicinal plant. *Phytomorphology*, **57**(182): 1-4.
31. **Jothi, G.J.** and V.S.Manickam, 2005. Infraspecific Variation noted in some species of Euphorbiaceae from Tirunelveli hills, Southern Western Ghats, Tamil Nadu, South India. *International Soc. Trop. Ecology*. 46(2). 145-150.
32. **Jothi, G.J**. and V.S.Manickam, 2004. A new variety of *Glochidion hohenackeri* (Muell. Arg.) Bedd. (Euphorbiaceae) from Agasthiyamalai, Tamil Nadu, India. Indian Journal of Forestry. 27. 41-42.
33. Murugan, C., V.S. Manickam, V. Sundaresan and **G.J. Jothi,** 2004. *Miliusa tirunelvelica*, a new species of Annonaceae from the Kalkad-Mundanthurai Tiger

Reserve-Western Ghats, India. Novon. 14(1). 102-104.

34. Manickam, V.S., C. Murugan, V.Sundaresan, **G.J. Jothi**, 2003. *Eurya ceylanica* Wight (Theaceae)-An addition to Indian flora from Southern Western Ghats. 27. 1337-1339.
35. Manickam,V.S., C. Murugan, V.Sundaresan, **G.J. Jothi** and V. Chelladurai, 2003. *Cissus xavierensis* (Vitaceae) – A new species from Tamil Nadu, India. JournalofEcon. Taxon. Bot. 27. 1225-1228.
36. Josphine,M.M., V.S.Manickam, C.Murugan, V.Sundaresan and **G.J.Jothi,** 2003. *Sonerila longipetiolata* Manickam *et al*., a new species of Melastomataceae from Tamil Nadu, India. Journal Bombay Nat.Hist. Soc. 100(1). 81-83.
37. Murugan, C., V.S.Manickam, **G.J. Jothi** and V. Sundaresan, 2003. *Acacia pruinescens* Kurz (Mimosaceae): Addition to the Western Ghats, India. Rheedea, 13: 71-72.
38. Sundaresan,V., **G.J. Jothi**, S. Rajkumar and V.S. Manickam, 2003. *Symplocos kothayarensis*. (Symplocaceae), a new species from Peninsular India. Sida. 20(3).
39. **Jothi,G.J**., V.Sundaresan and V.S. Manickam, 2002. Taxonomic and *Claoxylon wightii* Hook. f. and its allied species *Claoxylon*. *Hirsutum* Hook. F. (Euphorbiaceae) from Southern Western Ghats, Tamil Nadu, India. Rheedea. 12(2). 147-154.
40. Manickam, V.S., V. Sundaresan, **G.J. Jothi** and C. Murugan, 2002. *Hedyotis ramarowii* (Gamble) R.Rao & Hemadri var. *Kannikattica*- A new variety from southern Western Ghats, Tamil Nadu, India. Indian Journal of Forestry. 25(1) 102-103.
41. Manickam,V.S., V. Sundaresan, C.Murugan and **G.J.Jothi,** 2002. On the occurrence of *Pogostemon travancoricus*, family Labiatae and *Argyreia choisyana*, family Convolvulaceae in TamilNadu. 99(1).
42. Manickam,V.S., C. Murugan, V.Sundaresan and **G.J.Jothi,** 2002. *Ventilago bambaiensis* Dalz. – A new record for Tamil Nadu. *Journal Bombay Nat.* 99(1). 153-155.
43. **Jothi,G.J**., V.S. Manickam, V.Sundaresan and M. Josphine Mary, 2002. New species of *Glochidion* Forst. (Euphorbiaceae) from Southern India. JournalofEcon. Taxon. Bot. 26(1).114-116.
44. **Jothi,G.J**., V.S. Manickam, V. Sundaresan and C.Murugan, 2001. Addition to the description of *Dimorphocalyx beddomii* (Benth.) Airy shaw (Euphorbiaceae) from India. Journal of Econ. Taxon. Bot. 25(3). 721-726.
45. Manickam,V.S., V.Sunderesan, C.Murugan and **G.J.Jothi,** 2001. *Thottea dinghoui* Swarup, (Family Aristolochiaceae)- A new record for Tamil Nadu. Journal of Bombay Natural History Society, 98 (2): 318-320.
46. Murugan,C., V.Sunderesan and **G.J.Jothi,** 2000. *Memecylon manickamii*, A new species of Melastomataceae from Western Ghats, Tamil Nadu, India. Kew Bulletin. 55. 1001-1003.
47. Manickam,V.S., C.Murugan, V. Sundaresan and **G.J.Jothi,** 2000. Genus *Clidemia* D. Don (Melastomataceae)-A new Record of naturalized taxon for Tamil Nadu. Indian Journal of Forestry, 23 (4): 442- 443.
48. Manickam,V.S. and **G.J. Jothi,** 2000. Status of floristic diversity in Kalakad-Mundanthurai Tiger Reserve (KMTR),Southern Western Ghats, Tamil Nadu, India. Environment and Bioethics. Loyola College Publications. 72-82.

Detail of patents

S.No	Patent Title	Name of Applicant	Patent Number	Award date	Agency/ Country	Status
1.	A novel and facile process to synthesize ecofriendly bio-initiator from *Azadirachta indicia*.A.Juss. and product there of	Dr.G.JEYA JOTHI	6658/CHE/ 2014	-	India	Applied(2014) Published(2017) Recommended(2018)

Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of award	Awarding agency	Year
1.	Young Women Scientist	DST	2005-2008
2.	Alexander Fleming Research Award	Photon Journal	2015

Webinars/Conferences/Seminars- attended/participated – Academic & General:

ONLINE-WEBINAR

National

1. Participated in the SPSR National webinar on "Nanotechnology and Medical Science: Challenges ahead" organized by Society of Pharmaceutical Sciences and Research (SPSR) on January 16, 2021.
2. Participated in the one day webinar on "Enhancing Research Effectiveness using Scopus,Sciencedirect and Mendeley" organized by Faculty Development Centre,Kurukshetra University,Kurukshetra in collaboration with ELSEVIER(under the Aegis of PMMMNMTT,MHRD,Govt.of India) on May 1st 2020.

International

3. Participated in the International Virtual Conference on "Novel Biotechnological approaches to Combat Emerging diseases with special focus on SARS associated coronavirus Therapeutics"organized by the Department of Plant Biology and Plant Biotechnology,Presidency College,Chennai-5 on June 26,2020.

OFFLINE

INTERNATIONAL

1. P. N. Preethi, **G. Jeya Jothi,** Aiyalu Rajasekaran and Ramasamy Arivukkarasu,**2018**. Presented a paper entitled" Identification and quantification of rutin and quercetin in the methanolic leaf extract of *Pouzolzia bennettiana* a medicinal plant from Nilgiri hills by High performance thin layer chromatography"in the International seminar on phytochemistry held on March 26th and 27th, organized by Jawaharlal Nehru Tropical Botanic Garden and research institute,Palode,Thiruvananthapuram.

2. Gini T.G, **G. Jeya Jothi-** Phytoremediation of Heavy metals from Municipal waste water by *Salvinia molesta* Mitchell through Rhizofiltration as Green Technology Treatment in Kerala, India -Presented in 13th International phytotechnologies conference(PHYTOTECH 2016) held on **26-29th Sep.2016** conducted by Institute of Soil Science, Chinese academy of sciences at Hongzhou, China.

3. .Gini T.G, **G. Jeya Jothi,** Ruby Varghese, Johnvin Baby, Anoop N.L, Amrutha K.U , Yogesh B. Dalvi- *In Vitro* Anti-proliferative Activity and Gene Expression Analysis of an Aquatic Pteridophyte *Salvinia molesta* Mitchell-Presented in Bioradiance 2016 conference on July 8th 2016 conducted by Pushpagiri Medical College, Tiruvalla,Kerala.

4. Sahariya Priya and **Gabriel Jeya jothi-** *Nardostachys Jadamansi* DC. based Polymer Biocomposites for in-vitro Validation of Anti bacterial and Anti fungal application-Presented in Indo - Australian Conference on "Biomaterials,Tissue Engineering, Drug Delivery System and Regenerative Medicine" (BiTERM-2015) held on **5th February 2015** conducted by Anna University, Chennai.

5. M.Ayyanar,**G.Jeya jothi** and S.Ignacimuthu – Diversity,conservation status and medicinal plants of the family Euphorbiaceae in Agasthiyamalai hills,TamilNadu,South India-Presented on International conference on Biodiversity conservation &Management and published on the book BIOCAM 2008(Book of Abstract)by Rajiv Ghandi chair in contemporary studies,pg.no.167;2008.

6. Participated International conference on Marine and Terrene Ecology (ICMTE). Jesuit Tsunami Service, St. Xavier's College, Palayamkottai, Tamil Nadu, 17 – 19 January, 2006.

7. **G.J.Jothi** and V.S.Manickam-Status of floristic diversity in Kalakad Mundanthurai Tiger Reserve(KMTR),Southern Western Ghats,TamilNadu,India,presented on the International conference on Environment and Bioethics- Loyola College, Chennai.,14th to 16th 1999.

NATIONAL

1. **Jeya jothi,G** and M.Mala,**2019**.Participated and presented the poster entitled" Thin layer chromatography-Bioautography of antioxidant and antimicrobial activities of *Clitoria ternatea* L. against human urinary tract (UT) microbiota" in the Indian Plant Science Congress held during 23-25 January at SRM IST,Kattankulathur,TamilNadu 603203.

2. A. Hannah Hepsibah and **G. Jeya Jothi**, **2018.Poster** presented entitled "A comparative study on the *in vitro* anti-inflammatory activity of acetone and methanol extracts of *Ormocarpum cochinchinense* (Lour.) Merr." In the National conference on recent trends in applied perspectives of plant sciences (NCAPS 2018) held on 27th and 28th February at Post graduate and research Dept of Botany, Pachaiyappa's college, Chennai 600 030.

3. P.N. Preethi, **G. Jeya Jothi**, Aiyalu Rajasekaran and Ramasamy Arivukkarasu,**2018**. Poster presented entitled "HPTLC method for qualitative and quantitative determination of quercetin in the methanolic leaf extract of *Pouzolzia bennettiana* a medicinal plant from Nilgiri hills"." In the National conference on recent trends in applied perspectives of plant sciences (NCAPS 2018) held on 27th and 28th February at Post graduate and research Dept of Botany, Pachaiyappa's college, Chennai 600 030.

4. L. Elizabeth Amalarasi and **G. Jeya Jothi**,**2018**. Presented "Antioxidant activity of stem and leaf of *Pachygone ovate* (Poir.) Miers ex Hook.F & Thomson"In the National conference on recent trends in applied perspectives of plant sciences (NCAPS 2018) held on 27th and 28th February at Post graduate and research Dept of Botany, Pachaiyappa's college, Chennai 600 030.

5. M.Mala, A.Hannah Hepsibah and **G. Jeya Jothi**,**2018**. Presented "Inhibitory activity of leaf and stem extracts of *Coscinium fenestratum* (Gaertn.) Colebr against some clinical pathogens" In the National conference on recent trends in applied perspectives of plant sciences (NCAPS 2018) held on 27th and 28th February at Post graduate and research Dept of Botany, Pachaiyappa's college, Chennai 600 030.

6. Elizabeth Amalarasi, **G Jeya Jothi**,**2018**. Presented the paper entitled" Preliminary phytochemical screening and in vitro antioxidant activity of *Pachygone ovata"* in the National seminar on Biodiversity of Medicinal Plants:Emerging trends and challenges in commemoration of the golden Jubilee of Botany Department held on January 4th and 5th, Post Graduate and Research Department of Botany,Queen Mary's College,Chennai-600004,TamilNadu.

7. JEYA JOTHI, G.2016.Participated one day National seminar on "Recent advancements in Biotechnology" held on March 10th in the Dept.Plant Biology and Biotechnology,Loyola College,Chennai-34.

8.**G.J.Jothi** and V.S.Manickam-Conservation strategies for two endangered tree species(*Eugenia singampattiana* and *E.floccosa*-Myrtaceae)endemic to Agasthiyamalai,WesternGhats,India-Presented on the Natioal Seminar on Bioprospecting of Bioresources,8-10th Dec.2005 conducted by Department of Botany,St.Xavier's College,Palayamkottai,TamilNadu.

9.JEYA JOTHI, G. Participated National conference on the Frontiers of Research and Development in Medicinal Plants conducted by St. Xavier's College, Palayamkottai, Tamil Nadu, 28 – 30 January,2004.

10. **JEYA JOTHI, G**. Participated National Conference on Siddha Medicine for all ages, conducted byFriends of Siddha Medicine, Tamil Nadu, 24th February, 2001.

11. **JEYA JOTHI, G.** Participated National Symposium on Recent Trends in Plant Science and Research,conducted by Department of Botany, University of Kerala, 17th to 19th April 2000.

12. **G.J.Jothi** and V.S.Manickam – Medicinal plants of the family Euphorbiaceae,Tirunelveli hills,WesternGhats,India-presented on New Millennium Seminar on Medicinal Plant Cultivation:Problems,Packages,Practices &Marketing,conducted by Department of Botany, St. Xavier's College, Palayamkottai, Tamil Nadu, 3rd to 5th February 2000.

STATE

1.JEYA JOTHI, G.2016. Participated one day National seminar on "Recent advancements in Boiotechnology" held on March 10th in the Dept.Plant Biology and Biotechnology,Loyola College,Chennai-34.

Invited Guest speaker/Chief Guest/Resource Person/Chair person

ONLINE

1. Invited resource person in the National Level Webinar on 'Reimagine, Recreate and Restore the Environment' held on 5th July 2021, organized by PG and Research Department of Botany, Holy Cross College (Autonomous), Nagercoil, Kanyakumari District, Tamil Nadu.

2. Invited Guest speaker and delivered a special online lecture on 'Current Scenario and future scope in Plant Science' held on 27th October 2020, organized by PLANTA-Association of Postgraduate Department of Botany, Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu.

3.Invited resource person in the National Level Webinar on 'Dissemination of Knowledge on Medicinal plants through Doctrine of Signature' held on 16th June 2020, organised by PG and Research Department of Botany, Holy Cross College (Autonomous), Nagercoil, Kanyakumari District, Tamil Nadu.

OFFLINE

1.Invited chief guest for 'Inauguration of the project day' conducted by St. Mary's Anglo-Indian Hr. Sec.School (A Don Bosco Institution), Chennai-600 001 on 16th February 2018.

2. Chaired a session in the National conference entitled 'Biodiversity of Medicinal Plants' organized by the PG & Research Department of Botany, Queen Mary's College, Chennai-600 004 on 5th January 2018.

3.Invited speech on "Environmental Awareness" delivered to ECO-CLUB students of Holy Angels 'Anglo Indian Hr. Sec. School, T. Nagar, Chennai on 30th August 2017.

4. Resource person in the workshop on "Histochemical Tests for Phytoconstituents of Therapeutic value, organoleptic study of medicinal herbs and microscopic analysis of powdered drugs" held in Stella Maris College on 6th and 7th August 2012.

5. Special lecture delivered on 'Euphorbiaceae in Tirunelveli hills of Tamil Nadu, India', UGC sponsored refresher course in Botany, conducted by Manonmaniam Sunderanar University, Tirunelveli, Tamil Nadu on 26th November 2001.

Workshop Organized

1. Two-day Workshop for faculties on "Molecular Phylogenetics"- February 18 to 19, 2020 under DST-SERB Project.

2.Two-day Research Facility Training on "Molecular Biology & Prospection Techniques" - December 5th & 6th, 2019 under DST-SERB Project.

3. Three-day workshop on "Molecular Techniques on Mushroom and Herbal preparations" conducted from 13th to 15th March 2013 under DBT-Star College scheme.

4. One day workshop on 'Herbal preparations' conducted on 22nd September 2011 under DBT star College scheme.

Projects completed/sanctioned/ongoing

1.Completed

1. ICMR (2015-18)-Funded (Rs.15,46,123/-) Project (2015-2018) entitled "Isolation and characterization of antimicrobial compounds from medicinal plants based on traditional knowledge" (No.59/37/2011/BMS/TRM)

2. UGC(2010-12)-Funded (Rs.49, 383/-) Minor Project (2010-12) entitled"Invitro screening of antimicrobial activity of crude extracts from *Cassia senna* and *C.auriculata*" (No: MRP-2770/09(MRP/UGC/SERO)

3.DST-Women Scientist Scheme (WOS-A) (2005-2008) (Rs.10, 92,000/-) entitled "Conservation Biotechnolgy of selected Vulnerable and Genetic resource trees endemic to Tirunelveli hills of the WesternGhats".

4.UGC-Funded (Rs.2, 00,000/-) Minor Project (2017-18) entitled "Bioautography to assess antioxidant and antibacterial activities of selected traditional medicinal plants against human Urinary Tract (UT) microbiota"(No:4-4/2015-16(MRP/UGC-SERO).

2.Ongoing

1.DST SERB-Core Project Grant recommended (Rs.18,90,625/-) the project entitled "Distribution mapping guided genetic diversity and conservation biotechnology of *Eugenia disciferaGample*,an endemic and endangered tree of WesternGhats,India"-(EMR/2017/001809).

ANY OTHER INFORMATION

i)Faculty Development Programme/Orientation/refresher courses attended

ONLINE

1.Completed two weeks Faculty Development Programme on "Managing online classes and co-creating MOOCS:2.0" FROM May 18th to June 3rd,2020 conducted by Teaching Learning Centre,Ramanujan College,University of Delhi, sponsored by MHRD,India.

2.Completed one-week Faculty Development Programme on "ICT TOOLS" in association with STP-IIT,Bombay from 11th to 16th May,2020.

3.Participated in the Faculty Development Programme on "Digital Education Tools for Teachers" held by the Department of Management studies,University of Madras from 18th to 20th June,2020.

OFFLINE

1. UGC-Sponsored Refresher course in Current Trends and Future Perspectives of Life Sciences (Batch no: XIII) held on August 15th to October 5th,2016.

2. UGC-Sponsored Refresher course in Environmental science (Batch no: XV) held on 23rd August to 12th September 2013.

3. UGC- Sponsored orientation course (General-Batch-No: 100) held on February 1st to 28, 2011.

ii)Training programmes/workshop/ attended

ONLINE

1.Participated in the two-day workshop on 'The art of Nurturing Greenary'organized by the Department of Botany on 18th and 19th May,2020.

OFF-LINE

1.Attended pre-Indian Plant Science Congress workshop on "Authentication of herbal raw drug by DNA Barcoding" between 21 and 22 January,**2019** in the Department of Genetic Engineering,SRM Institute of Technology,Kattankulathur,Tamil Nadu.

2. National level Instructional workshop on "Bioinformatics and computational biology" conducted by PG & Research Department of Advanced Zoology Biotechnology,Loyola College,Chennai on February 21st to 25th 2012.

3. UGC- Sponsored orientation course (General-Batch-No: 100) held on February 1st to 28, 2011.

4.CSIR sponsored CIMAP's winter school training on 'Recent techniques in Gene cloning, DNA analysis and functional genomics'- Central Institute of Medicinal and aromatic plants (CIMAP), Lucknow from 1st to 10 th December 2003.

5. Training on Plant Tissue culture in St. Xavier's College, Palayamkottai,Tirunelveli, Tamil Nadu from 7th to 11th June 1999.

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