

DR S SOOSAIRAJ

Email	pspsosai@yahoo.co.in
Permanent Address	Dr S Soosairaj, Pullumbadi Street, Purathakudi PO, Tiruchirappalli Dt. TamilNadu, India Pin: 621 111 Mobile: 9750124125 Aadhar No. 4377 8996 5262
Present Address	Dr S Soosairaj, Assistant Professor, Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli Dt. TamilNadu, India Pin: 620002
Personal Data	Age & DOB : 42, 12 th May 1970 Sex : Male Nationality : Indian Marital Status : Married
References	Dr S John Britto, SJ Director, Rapinat Herbarium, St. Joseph's College, Tiruchirappalli Dt Tamil Nadu, India. Pin: 620 002 Email: sjcbritto@rediffmail.com Dr A Ramachandran, Director, Centre for climate change, Anna University, Chennai, Tamil Nadu, India. Phone: 919443391990

Education	
Ph.D. 2003	Thesis Title: <i>Phytosociological analysis and conservation strategies in Pacchaimalai hills, Eastern Ghats, using Remote sensing and GIS.</i> Work done at Dept. of Plant Biology & Plant Biotechnology, St Joseph's College (Autonomous), Tiruchirappalli, TN, India. (Bharathidasan University)
M. Sc. 1998	Botany: Studied at St Joseph's College (Autonomous), Tiruchirappalli, TN, India. Obtained 78% . Thesis Title: <i>Tree biodiversity of riverine vegetation at Melanai of River Cauvery</i>
B. Sc. 1991	Chemistry, Botany & Zoology: Studied at St Joseph's College, Bangalore University, Bangalore, Karnataka. Obtained 59%.
Higher Secondary 1988	Physics, Chemistry, Botany & Zoology: Studied at St Joseph's College & Higher Secondary School, Tiruchirappalli, TN. Obtained 71%
High School 1986	Board of Secondary Education, Tamil Nadu, Studied at St Xaviers Higher Secondary School, Purathakudi. Obtained 76% .
M.Phil. Guideship 2004	Bharathidasan University, Tiruchirappalli. Plant Biology & Plant Biotechnology. Ref. No. 11141/M.Phil/RA/2004 Periyar University, Salem. Biotechnology MBT 1144/2006
Ph.D. Guideship 2006	Bharathidasan University, Tiruchirappalli. Plant Biology Ref. No. 4793/PhD1/Plant Bio/RA
Awards Recieved	<ol style="list-style-type: none"> 1. Fr. Du Franquet Medal for best Academic Performance at Post Graduate Course, 1999. 2. Vice Chancellor Dr KM Marimuthu Medal for Outstanding performance in Post Graduate Studies, 1999.
Additional Qualifications	1995 - Diploma in Computer Application 2001 – Arc Info & Arc View, Tricad Geomatics Solutions, Hyderabad. 2001 – Erdas (Advancing & Fundamentals with Erdas Imagine, IRS, Hyderabad Knowledge in MS word, Excel, Power point, Adope Photoshop, SPSS.

	<p>RESEARCH EXPERIENCE</p>
<p>Major Projects</p>	<ol style="list-style-type: none"> 1. <i>Mapping plant diversity in the Eastern Ghats of Tamil Nadu</i>, sponsored by Ministry of Environment and Forest. 2. <i>Evaluation of Natural Resources in Kolli hills, Tamil Nadu using Remote sensing and GIS</i>, sponsored by Ministry of Environment and Forest. 3. <i>Biodiversity characterization at Landscape level in Western Ghats of Tamil Nadu</i>, sponsored by NRSA, Hyderabad. 4. <i>Biodiversity characterization at Landscape level in Eastern Ghats of Tamil Nadu</i>, sponsored by NRSA, Hyderabad.
<p>Minor Projects</p>	<ol style="list-style-type: none"> 1. <i>Studies on plant diversity and sociology and conservation of Kalamman Sacred grove at Malliganatham off Pudukottai district</i>, sponsored by UGC, New Delhi. 2. <i>A Survey of Endemic and endangered plants and their conservation strategies of Karandamalai hills, Eastern Ghats of Tamil Nadu</i>, sponsored by UGC, New Delhi. 3. <i>Human resources development for monitoring biodiversity in Eastern and Western Ghats</i>, sponsored by IISC, Bangalore.
<p>Consultancy</p>	<ol style="list-style-type: none"> 1. Identification of Plant names – Forest department (working plan division), Educational institution.
<p>2003-04 To 2005 -06</p>	<p>TEACHING EXPERIENCE</p> <p>Worked as Lecturer for nine academic years (2002-till date), in the Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli – 2, Tamil Nadu, India.</p> <p>Handled Papers like Advances in Plant Systematics, Biodiversity and Conservation, Remote Sensing and GIS, Foundations of Humanity, Plant Diversity, Immunology & Pharmacognosy</p>

RESEARCH PROJECTS UNDERTAKEN

Major Project - 2013-15. Status and Distribution Survey of selected CR/EN/DD Taxa in Wild in Tamil Nadu under Tamil Nadu Biodiversity and Greening Project (TBGP), Tamilnadu Forest Department, Chennai. Ref.No.934/2012 D dt. 20.2.2013 Rs 3,80,640

Major Project - 2012-15. Geospatial modeling of ecological niche and distribution of some threatened species in Eastern Ghats of Tamil Nadu - sponsored by Department of Science and Technology, New Delhi. No. SR/FT/LS -160/2009. Rs 11, 70, 000.00

Minor project - 2009-11. Reproductive phenology and optimization of seed germination protocol in *Aristolochia tagala*, *Gnetum edule* and *Trichosanthes tricuspidata* - endangered climbers, sponsored by UGC. No.FMRP 3022/09. Rs 55,000.00.

PAPERS PUBLISHED

National

1. Dhatchanamoorthy N, Raja P, **Soosairaj S** and M. Anbarashan. 2018. *Crotalaria prostrata* var. *lavis* Haines (Leguminosae) : A poorly known species rediscovered, redescribed and endemic from the Northern Western Ghats. **Current Botany** 9: 26-27. ISSN 2240-4822.
2. Johny Kumar Tagore, Perumal Murugan and **Sebastin Soosairaj**. 2017. *Heterotis rotundifolia* (Sm.) Jacq.-Fel. (Melastomataceae) – A new record for Andaman and Nicobar Islands, India. **Indian Forester** 143(3): 284-285. ISSN 0019-4816

3. Raja P, **Soosairaj S**, Dhatchanamoorthy N, Johny Kumar Tagore and A Kala. 2016. *Scleria tessellata* Willd. (Cyperaceae): a new record for Tamilnadu, India. ***Journal of Economic and Taxonomic Botany* 40(1-2): 59-61. ISSN 2050-9768**
4. **Sebastian Soosairaj**, Prakasam Raja, Johny Kumar Tagore, and Narayanasamy Dhatchanamoorthy. 2016. *Adiantum latifolium* (PTERIDACEAE): A New Record to Eastern Ghats from Tamil Nadu, India. ***Journal of the Andaman Science Association* 21(2):199-201. ISSN 0970-4183.**
5. Johny Kumar Tagore, **Soosairaj S**, Sathiyaseelan R and Raja P. 2015. Two Lamiaceae Members Additions to Flora of Andaman and Nicobar Islands. ***Journal of the Andaman Science Association* 20(2):145-147. ISSN 0970-4183.**
6. Raja P, **Soosairaj S**, Dhatchanamoorthy N and A Kala. 2015. Taxonomic status and distribution record of *Drimia wightii* Lakshmin. from Tamilnadu, India. ***J. Econ. Taxon. Bot.* 39(2): 323-326. ISSN: 2050-9768.**
7. Dhatchanamoorthy N, Raja P, **Soosairaj S** and N. Balachandran. 2015. Notes on the distribution of *Crotalaria globosa* Wight & Arn. –a rare and endemic legume in Tamilnadu. ***Phytotaxonomy* 15: 104-106. ISSN 0972-4206.**
8. **Soosairaj S** and P Ananthi. 2015. *Diodia teres* Walt. (Rubiaceae): A new record to the flora of Tamilnadu. ***J. Econ. Taxon. Bot.* 38(3-4): 549-551. ISSN 2050-9768**
9. **Soosairaj S**, Kala A, Sevuga Priya R. and P.Raja. 2014. Purity of honey – an attempt to validate. ***Retell* 14(1): 80-85. ISSN 0973-404X**
10. Ananthi, P. and **Soosairaj, S**. 2014. Effect of plant growth regulators on in vitro shoot multiplication of *Spilanthes calva* DC. ***Indian Journal of Advances in Plant Research (IJAPR)* 1(3): 46-50. ISSN: 2347- 8918.**

11. Dhatchanamoorthy N, Raja P, Kala A and **S. Soosairaj**. 2013. Angiospermic hydrophytes in different wetlands of Villupuram district, Tamilnadu, India. **J. Econ. Taxon. Bot.** 37(2): 239-248. ISSN: 2050-9768
12. Ramachandran A and **S Soosairaj**. 2013. Distributional new report of *Cymbidium macrorhizon* Lindl. (Orchidaceae) a terrestrial orchid to Peninsular India. **J. Econ. Tax. Bot.** 36(4): 853 – 855. ISSN: 2050-9768
13. Ramachandran A and **S Soosairaj**. 2013. *Luffa amara* Roxb. (Cucurbitaceae) – an addition to the Flora of Tamilnadu. **J. Swamy Bot. Club** 29: 31-34. ISSN: 0256-9493
14. **Soosairaj S**, Raja P, Kala A and Kalainger Raj P. 2012. Survey of macroscopic fungi from a few districts of Tamilnadu. **The Bioscan** 7(4); 669-671. ISSN 0973-7049.
15. **S. Soosairaj**, A. Maheswari and D. Natarajan. 2011. Antibacterial assay - a new tool for taxonomic verification of *Datura* (Solanaceae). **Ad. Plant Sci.** 24(2): 463-465. ISSN: 0970-3586
16. **S. Soosairaj** and K Karthik. 2011. Sustainable utilization of chicken waste. **J. Ecobiology** 28(4): 375-380. ISSN: 0970-9037
17. V. Yogaraj, B. Muthukumar, **S. Soosairaj**, B. Balaguru, N. Nagamurugan and K. Ramar. 2010. Phyto-sociological contribution of a virgin forest in Pudukkottai district in Tamilnadu. **Indian J. Environ. & Ecoplan.** 17(3): 489-494. ISSN 0972-1215.
18. **Soosairaj S**, Maheswari A and B Balaguru. 2010. Micromorphological assessment in *Datura* species of Tamilnadu, India. **J. Econ. Tax. Bot.** 34(4): 873-879. ISSN: 2050-9768

19. **Soosairaj S** and M Thamacin Arulappan. 2010. Ethnomedicinal plants of Villupuram district, Tamilnadu. *J. Phytological Research* **23**(1): 77-82. ISSN: 0970-5767
20. Natarajan D, Balaguru B, Nagamurugan N, **Soosairaj S** and E Natarajan. 2010. Ethno-medico-botanical survey in the Malligainatham village, Kandarakottai Taluk, Pudukkottai district, Tamilnadu. *Indian Journal of Traditional Knowledge* **9**(4): 768-774. ISSN: 0972-5938.
21. **Soosairaj S** and A Maheswari. 2010. Antibacterial activity of aqueous and ethanolic leaf extracts of *Datura innoxia* Mill. and *Datura fastuosa* L. *Journal of Microbial World* **12**(2): 113-117. ISSN: 0972-1487
22. **Soosairaj S** and A Maheswari. 2010. An extended distribution of *Albizia lathamii* Hole – a critically endangered tree species to the carnatic region of Tamilnadu. *J. Econ. Taxon. Bot.* **34**(2): 404-406. ISSN: 2050-9768
23. **Soosairaj S** and A Maheswari. 2010. An extended distribution of a rare exotic legume *Macroptilium lathyroides* (L.) Urban var. *semirectus* (L.) Urban. to central Tamil nadu, India. *Plant Archives* **10**(1): 267-268. ISSN: 0972-5210
24. Ananthi P and **S Soosairaj**. 2010. An extended distribution of a rare tree *Manilkara roxburghiana* (Wight) Dubard to the Eastern Ghats of Tamilnadu. *J. Swamy Bot. Cl.* **26**: 9-10. ISSN: 0256-9493
25. **Soosairaj S** and A Maheswari. 2009. Antibacterial activity of aqueous and ethnolic leaf extracts of *Datura metel* L. and *Datura metel* var. *fastuosa* (L.) Staff. *Plant Archives* **9**(2): 551-555. ISSN: 0972-5210
26. **Soosairaj S** and A Maheswari. 2009. An extended distribution of *Datura ferox* L. to the eastern ghats of Tamil Nadu. *Retell* **10**(1): 154-156. ISSN: 0973-404

27. John Britto S, **Soosairaj S**, Balaguru B and D Natarajan. 2009. *Anisochilus dysophylloides* Benth. (Lamiaceae): a little known species from the Shervarayans, Tamil Nadu. ***J. Econ. Taxon. Bot.* 33(1)**: 51-53. ISSN: 2050-9768
28. John Britto S, **Soosairaj S**, Balaguru B and N Nagamurugan. 2009. *Stenochlaena palustris* (Burm.) Beddome (Blechnaceae); A new record for the eastern ghats in Tamil nadu. ***Journal of Economic and Taxonomic Botany* 33(2)**: 318-320
29. Ramachandran A, Natarajan D, Nagamurugan N, Balaguru B, **Soosairaj S** and S John Britto. 2008. Assessment of tree species diversity in semi-evergreen forests of Chitteri hills, Eastern ghats of Tamilnadu, South India. ***Indian Journal of Forestry* 32(2)**: 175 – 180. ISSN 0971-9431.
30. Ramachandran A and **S Soosairaj**. 2008. *Mikania micrantha* Kunth. – a climbing exotic weed – a new report to the flora of Tamilnadu. ***J. Swamy Bot. Cl.* 25**: 15-18. ISSN: 0256-9493
31. Ramachandran A and **S Soosairaj**. 2008. An extended distribution of *Ipomoea rumicifolia* Choisy and *Jatropha heynei* Balakr. – to the Eastern ghats of Tamilnadu. ***J. Swamy Bot. Cl.* 25**: 19-22. ISSN: 0256-9493
32. **S Soosairaj**, D Natarajan, N Nagamurugan and B Radha. 2008. Aspergilloidal effect of *Pongamia glabra* and *Petalium murex* – A comparative study. ***Journal of Phytological Research* 21(2)**: 221-224. ISSN: 0970-5767
33. Natarajan D, John Britto S, Nagamurugan N, **Soosairaj S** and B Balaguru. 2007. Mapping vegetation types in the Chitteri hills of the Eastern ghats of Tamilnadu using Remote sensing and GIS. ***Indian Forester* 133(1a)**: 159-163. ISSN 0019-4816. ISSN 0019-4816.
34. Natarajan D, Natarajan E and **S Soosairaj**. 2007. *Asparagus racemosus* Wild. A well known medicinal shrubby climber. ***Herbal Tech Industry*** Nov. 3 – 7.

35. Ramachandran A and **Soosairaj S.** 2007. An extended distribution of two rare species *Cleome tenella* L.f. and *Indigofera glabra* L. **J. Swamy Bot. Cl.** 24: 5 – 8. ISSN: 0256-9493
36. Ramachandran A, **Soosairaj S** and Jayakumar S. 2006. A new report of *Geophila repens* (L.) I.M. Johnston – A species rare to the eastern ghats of Tamil nadu. The **Indian Forester** 132(1): 118 – 120. ISSN 0019-4816. ISSN 0019-4816.
37. Ramachandran A, **Soosairaj S** and Jayakumar S. 2006. Distribution and description of *Indigofera trita* Lf. spp. *subulata* (Vahl ex Poir) Ali.- An rare plant in the Kolli hills of Tamil Nadu. The **Indian Forester** 132(4): 507 – 508. ISSN 0019-4816.
38. **Soosairaj S**, N Nagamurugan, D Natarajan, B Balaguru & S John Britto. 2006. Sacred groves-Refugia of medicinal plants and a model for conservation – case study Tropical forests of Tamilnadu, South India. **Retell** 6(2): 51 – 56. ISSN: 0973-404
39. Chandrakala S, **S Soosairaj** and N Vanitha. 2006. Efficacy of a commercial tooth pastes and mouthwashes against *Streptococcus mutans*. **J. Micro. World** 8(2): 192 – 195. ISSN: 0972-1487
40. Vanitha N, **S Soosairaj** and S Chandrakala. 2006. Xylitol production from corn cobs using *Saccharomyces cerevisiae* and *Candida albicans*. **J. Micro. World** 8(2): 206 – 209. ISSN: 0972-1487
41. Ramachandran A and **S Soosairaj.** 2006. *Hibiscus surattensis* Linn. and *Hibiscus panduriformis* Burm.f. – little known species from the Eastern ghats of Tamilnadu. **Indian Forester** 132(11): 1509 – 1510. ISSN 0019-4816.
42. Ramachandran A and **S Soosairaj.** 2006. An extended distribution of *Canscora roxburghii* Arn. Ex Miq and *Tragia involucrata* var. *angustifolia* Hook.f. – to the eastern ghats of Tamilnadu. **J. Swamy Bot. Club** 23: 159 – 162. ISSN: 0256-9493

43. John Britto S, **Soosairaj S**, Natarajan D, Nagamurugan N and B Balaguru. 2006. Check list of plant species in Elagiri hills, Eastern Ghats of Tamilnadu. *Retell* 7(1): 77 – 87. ISSN: 0973-404
44. **Soosairaj S**, Nagamurugan N, Balaguru B and D Natarajan. 2006. Contribution of lianas and climbers to species richness in tropical forests of Pacchaimalai hills, Eastern ghats, Tamilnadu. *Ecol. Env. & Cons.* 12(4): 599 – 603. ISSN: 0971-765x
45. Ramachandran A and **S Soosairaj**. 2006. *Hibiscus surattensis* Linn. and *Hibiscus panduriformis* Burm.f. – little known species from the Eastern Ghats of Tamilnadu. *Indian Forester* 132(1): 1506-1510. ISSN 0019-4816.
46. Natarajan D, Srinivasan K, Mohanasundari C, Perumal G & **Soosairaj S**. 2005. Effect of plant extracts on the growth of *Colletotrichum falcatum*. *J. Microb. World* 7(2): 137 – 139. ISSN: 0972-1487
47. Muthukumar B, Dhanasekar D, **Soosairaj S**, Nagamurugan N and Balaguru B. 2005. Woody vegetation structure in a sacred grove of Pudukkottai district, Tamil nadu, South India. *Indian J. Eviron. and Ecoplan.* 10(2): 409 – 412. ISSN 0972-1215.
48. **Soosairaj S**, John Britto S, Balaguru B, Nagamurugan N and Natarajan D. 2004. Mapping forest types of Pacchaimalai hills, Eastern ghats, India – using remote sensing and GIS. *Eco. Env. & Cons.* 10(2): 131 – 135. ISSN: 0971-765x
49. Natarajan D, John Britto S, Balaguru B, Nagamurugan N and **Soosairaj S**. 2004. Distribution of sacred groves in the Chitteri hills of the Eastern ghats of Tamil nadu. *J. Environ. & Ecoplan.* 8(2): 375 – 379. ISSN 0972-1215.
50. John Britto S, **Soosairaj S**, Balaguru B and Arockiasamy DI. 2003. Quantitative analysis of non-timber forest products in four forest types of Pacchaimalai hills,

eastern ghats, Tamil nadu. *The Indian Forester* 129(4): 489 – 494. ISSN 0019-4816.

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52. John Britto, S., **S. Soosairaj**, B. Balaguru, D.Natarajan, N.Nagamurugan and S.Ravipaul. 2003. First report of *Syzygium alternifolium* (Wight) Walp. (Myrtaceae) in southern Eastern ghats of Tamil nadu. *J. Exon. Taxon. Bot.* 27: 1229-31. ISSN: 2050-9768.
53. Britto, SJ., B. Balaguru and **S. Soosairaj**. 2003. Extended distribution of *Desmodium tortuosum* (Sw.) DC. (Papilionoideae) in Eastern ghats of Tamil nadu. *J. Exon. Taxon. Bot.* 27: 1232-34. ISSN: 2050-9768.
54. Jayakumar S, **Soosairaj S**, Arockiasamy DI and John Britto S. 2002. Similarity analysis in two tropical dry evergreen forest in the Eastern Ghats of Tamil nadu. *Journal of Hill Research* 15(1): 4 – 11. ISSN 0970-7050.
55. John Britto S, **Soosairaj S** and Arockiasamy DI. 2002. Comparative analysis of distribution of tree species in two plots of one hectare in SriRangam island of the river Cauvery. *Ad. Plant Sci.* 15(1): 79 – 84. ISSN: 0970-3586
56. John Britto S, **Soosairaj S**, Natarajan D, Nagamurugan N and Ravipaul S. 2002. *Euphorbia fusiformis* Buch.-Ham. Ex D.Don (Euphorbiaceae): A new record for Tamil nadu. *J. Econ. Taxon. Bot.* 26(2): 469 – 471. ISSN: 2050-9768
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59. John Britto S, **Soosairaj S**, Natarajan D and Arockiasamy DI. 2001. Phenology of exotics and distribution of *Lantana camara* L. in two forest types of Pacchaimalai hills. *Geobios* 28: 236 – 238. ISSN 0251-1223.
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62. **S. Soosairaj**, P. Raja, S. John Britto and B. Balaguru. 2018. A new species of *Dalbergia* (Fabaceae: Dalbergieae) from Tamil Nadu, India. *Phytotaxa* 360(3): 282-286. ISSN 1179-3155 **IF: 1.185** Scopus, Web of Science Indexed
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71. Ananthi P, **Sebastian Soosairaj** and Vijachitra. 2016. Screening and characterization of non caloric sweeteners in *Scoparia dulcis* L. *Asian Journal of Plant Science and Research*, 6(2):46-51 ISSN 2249-7412.
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75. Raja P, **Soosairaj S**, Dhatchanamoorthy N and Johny Kumar Tagore. 2015. Floristic composition of a aquatic angiosperms in different wetlands of Pudukkottai district of Tamilnadu, India. *Asian Journal of Plant Science and Research* 5(12): 6-12. ISSN 2249-7412
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81. Kala A, **Soosairaj S**, Mathiyazhagan S and P Raja. 2015. Isolation and identification of *Xanthomonas oryzae* pv. *oryzae* the causal agent of rice bacterial leaf blight and its activities against six medicinal plants. *Asian Journal of Plant Science and Research* 5(6): 80-83. ISSN 2249-7412
82. Dons T, **Soosairaj S** and V Alex Ramani. 2015. Preliminary phytochemical studies on some ethnobotanically important medicinal plants used by Thottianaickans of Semmalai. *American Journal of Ethnomedicine* 2(3): 177 – 182. ISSN 2348-9502
83. Kala A, Raja P, **Soosairaj S** and B Balaguru. 2014. Reproductive biology and seed germination of tropical evergreen tree *Canarium strictum* Roxb. *Journal of Biodiversity and Environmental Sciences* 5(6): 24-32. ISSN 2220/6663.
84. Kala A, Sathya S, **Soosairaj S** and Raja P. 2014. Biosynthesis of Silver nanoparticles from *Morinda coreia* Buch.-Ham. and its antibacterial activity. *Int. Journal of Pharmaceutical Sciences and Research* 5(12): 5321-5327. ISSN 2320-5148.
85. Kala A, **Soosairaj S**, Mathiyazhagan and Raja P. 2014. Synthesis and characterization of plant medicated silver nanoparticle from *Canarium strictum* Roxb. mesocarp extract. *Life Sciences Leaflets* 53: 104-109. ISSN 2277-4297

86. **Soosairaj S**, Kala A, Raja P and Balaguru B. 2014. Reproductive biology of the tropical vulnerable shrub *Capparis shevaroyensis* Sund.-Ragh. (Capparaceae). *Life Sciences Leaflets* 52: 71-78. ISSN 2277-4297
87. Ramachandran A. and **S. Soosairaj**. 2014. *Cyperus odoratus* L. (Cyperaceae) A newly recorded Species in India. *International Journal of PharmTech Research* 6 (2): 518-520. ISSN : 0974-4304.
88. **Soosairaj S**, Kala A, Raja P and Vijaya K. 2013. Phytochemical Screening and GC-MS Analysis on *Spermacoce articularis* L.F. (Rubiaceae). *International Journal of ChemTech Research* 5(6): 3070-3074. ISSN : 0974-4290.
89. Kala A, **Soosairaj S**, Raja P and Dhatchanamoorthy N. 2013. Micromorphological assessment and stem anatomy of *Spermacoce* species of Tamilnadu, India. *Life Sciences Leaflets* 8: 19-28. ISSN: 0976-1098
90. Chandra Sekar GK and **Soosairaj S**. 2013. Phytochemical screening and antimicrobial activity of *Geophila repens* (L.) I.M.Johnst. *Joseph's International Journal of Biological Sciences* 26-32. ISSN 2278-6570.
91. Dons T and **S Soosairaj**. 2013. Treatment of jaundice by traditional healthcare system. *International Journal of Biology, Pharmacy and Allied Sciences* 2(6): 1373-1378. ISSN: 2277-4998
92. P Raja, N. Dhatchanamoorthy, A Kala and **S Soosairaj**. 2013. Extended distribution of *Capparis shevaroyensis* Sund.-Ragh. (Capparaceae) an endemic and vulnerable shrub in Peninsular India to the Eastern ghats of Tamilnadu. *Indian Journal of Fundamental and applied life sciences* 3(1): 137-140. ISSN: 2231-6345. ISSN: 2231-6345
93. **Soosairaj S**, Kala A, Raja P and A Mercy Angelin. 2013. Standardization of seed dormancy breaking protocol for *Aristolochia tagala* – a rare and vulnerable twiner.

The International Journal of Plant Reproductive Biology 5(1): 85-88. ISSN 0975-4296.

94. Raja P, Dhathchanamoorthy N, Kala A and **S Soosairaj**. 2013. *Spilanthes radicans* Jacq. (Asteraceae) a new record to Tamilnadu, India. *International Journal of Integrative Sciences, Innovation and Technology* 2(6): 34-35. EISSN: 2278-1145.
95. Ananthi P, Kala A, **Soosairaj S**. 2012. Factors influencing seed dormancy and germination of *Trichosanthes tricuspidata* – a vulnerable plant. *International Journal of Integrative Sciences, Innovation and Technology* 1(3): 19-23. EISSN: 2278-1145.
96. **S. Soosairaj**. 2012. Influence of topographic factors on vegetation in tropical forests of Pacchaimalai hills. *International Journal of Biological Technology*, Special Issue 311-318. ISSN 0976-4313.
97. Ramachandran A, Natarajan D, Mohanasundari C, Srinivasan K, **Soosairaj S** and E Natarajan. 2008. Screening for antibacterial activity of combined extracts of *Euphorbia fusiformis* from Tamilnadu, India: a new application. *Journal of Biological Research-Thessaloniki* 9: 97-102. 2241-5793. **Impact Factor: 0.62**
98. Muthukumar B, **Soosairaj S**, Balaguru B, Nagamurugan N and D Natarajan. 2007. Ethno medico botanical survey in two sacred groves. *Journal of Tropical Medicinal plants* 8(1): 61-68. ISSN 1511-8525.
99. **Soosairaj S**, John Britto S, Balaguru G, Nagamurugan N and D Natarajan. 2007. Zonation of conservation priority sites for effective management of tropical forests in India: a value based conservation approach. *Applied ecology and environmental research* 5(2): 37-48. ISSN: 1589-1623
100. Balaguru B, SJS John Britto, N Nagamurugan, D Natarajan and **S Soosairaj**. 2006. Identifying conservation priority zones for effective management of tropical forests

in Eastern ghats of India. *Biodiversity and Conservation* 15(4): 1529 – 1543. ISSN: 6960-3115.

101. **Soosairaj S**, John Britto S, Balaguru B, D Natarajan and Nagamurugan N. 2005. Habitat similarity and species distribution analysis in tropical forests of eastern ghats, Tamilnadu. **Tropical Ecology** 46(2): 183 – 191. ISSN: 0564-3295
102. Natarajan D, John Britto S, Balaguru B, Nagamurugan N, **Soosairaj S** and Arockiasamy DI. 2004. Identification of conservation priority sites using remote sensing and GIS – A case study from Chitteri hills, eastern ghats, Tamil nadu. *Current Science* 86(9): 1316 – 1323. ISSN 0011-3891.
103. John Britto S, Balaguru B, Natarajan D, **Soosairaj S** and Nagamurugan N. 2004. Ethnobotany of certain sacred groves in Tamil nadu, South India. *J. Trop. Med. Plants* 5(1): 55 – 61. ISSN 1511-8525.
104. Balaguru B, John Britto S, Nagamurugan N, Natarajan D, **Soosairaj S**, Ravipaul S and Arockiasamy DI. 2003. Vegetation mapping and slope characteristics in Shervaran hills, Eastern ghats using remote sensing and GIS. *Current Science* 85(5): 645 – 653. ISSN 0011-3891.

Papers published in Edited Books

105. Balaguru Balakrishnan, **Soosairaj Sebastin**, Nagamurugan Nandakumar and Khaleel Ahamed Abdul Kareem. 2016. Species distribution models (SDM) – A strategic tool for Predicting suitable habitats for conserving the target species. In: Sami Faiz and Khaoula Mahmoudi (eds) *Handbook of Research on Geographic information systems applications and advancements*. IGI Global Information Science, Hershey, USA. Pg 427 – 440. ISSN 2327-5715.
106. Rajavel L, Muthukumar B, Natarajan E, **Soosairaj S**, Balaguru B and N.Nagamurugan. 2015. Plant diversity assessment at Arulmigu Sri Veeramakali

Amman Sacred grove, Silatur, Pudukkottai district of Tamilnadu; Parimelazhagan Thangaraj (Ed.), *Modern methods in Phytomedicine*, Daya Publishing House, New Delhi. Pp 69 – 75.

107. John Britto S, Balaguru B, Nagamurugan N, **Soosairaj S** and Natarajan D. 2006. Analysis of vegetation pattern and influence of some abiotic factors using remote sensing and GIS. In: Prithipasingh (ed.) *Perspectives in plant ecology and environmental biology*, Scientific Publishers (Ind.) Jodhpur. Pp 225 – 238.
108. Balaguru B, John Britto S, **Soosairaj S**, Natarajan D and Nagamurugan N. 2005. Cultural and ecological significance of sacred forests with special reference to a sacred grove in Pudukkottai district in Tamilnadu. In: Kunhikannan C and Gurudev Singh B (eds.), *Strategy for conservation of sacred groves*, Institute of Forest Genetics & Tree Breeding, Coimbatore pp. 117 – 120.
109. Kashmir Raja SV, **S Soosairaj** and Michael Asokan. 2004. Biodiversity and Conservation. In: *Environmental studies*, UGC Curriculum, St.Joseph's College, Tiruchirappalli pp 53-70.

PAPERS PRESENTED IN SYMPOSIA/ SEMINAR/CONFERENCE

International

1. Raja P and **S Soosairaj**. 2016. Potential wild ornamental plants of Pudukkottai district, Tamilnadu, India. International conference on Frontiers in life science, Department of Botany, St.Joseph's College, Tiruchirappalli – 02, on Jan 7th & 8th Pp 37
2. Ananthi P, **Soosairaj S** and Ramachandran R. 2014. In vitro callus induction and plantlet regeneration from nodal explants of *Spilanthes calva* DC. medicinal plants. In: International conference on “Biodiversity, Bioresources and Biotechnology”, Association for the Advancement of Biodiversity Science, Goa, 30-31 Jan. 2014.

3. Kala A. and **S Soosairaj**. 2013. Seed dormancy breaking protocol for *Capparis shevaroyensis* Sund. Ragh. – a rare and vulnerable shrub. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St.Joseph's College, Tiruchirappalli. Pp 87.
4. Raja P. and **S Soosairaj**. 2013. Causes of deforestation in the Eastern ghats of Tamilnadu. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St.Joseph's College, Tiruchirappalli. Pp 88.
5. Sasikumar M, **S Soosairaj** and P Ananthi. 2013. Ethnobotanical studies related to women health care in Pudukkottai district of Tamilnadu. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St.Joseph's College, Tiruchirappalli. Pp 88.
6. Dhatchanamoorthy N and **S Soosairaj**. 2013. Flowering plants of sandy coast of Nagapattinam district of Tamilnadu, India. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St.Joseph's College, Tiruchirappalli. Pp 89.
7. Johny Kumar Tagore and **S Soosairaj**. 2013. Invading mars: who could be our foot-soldiers a perspective on astrobiology. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St.Joseph's College, Tiruchirappalli. Pp 90.
8. Venkat Ramana M, Johny Kumar Tagore and **S Soosairaj**. 2013. Zingiberaceae of Andaman Nichobar islands and its ex situ conservation. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St.Joseph's College, Tiruchirappalli. Pp 90.
9. **Soosairaj S**, B Balaguru, N Nagamurugan and R Ravindran. 2013. Impact of invasive alien species on shoal vegetation in upper palneys, Western ghats of tamilnadu, India.

In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St. Joseph's College, Tiruchirappalli. Pp 91.

10. Dhatchanamoorthy N and **S Soosairaj**. 2013. Studies on the family Acanthaceae in Viluppuram district of Tamilnadu. In International Conference on Sustainable utilization, management and conservation of bioresources, 10-11th Jan. 2013, Dept. of Botany, St. Joseph's College, Tiruchirappalli. Pp 92.
11. **Soosairaj S**, John Britto S, Nagamurugan N, Natarajan D and Balaguru B. 2003. Modelling potential sites for Joint Forest Management using RS and GIS in the Pacchaimalai hills of the eastern ghats. In: *International conference on sustainable development and management of natural resources*. Holy Cross College, Tiruchirappalli. Mar. 15 – 17. pp 92.
12. Balaguru B, John Britto S, Natarajan D, Nagamurugan N and **Soosairaj S**. 2003. Modells for sustainable management of forest resources in the Shevarayan hills using Remote sensing and GIS. In: *International conference on sustainable development and management of natural resources*. Holy Cross College, Tiruchirappalli. Mar. 15 – 17. pp 116.

National

13. Dons T and **Soosairaj S**. 2016. GC-MS analysis of bioactive compounds in ethanolic rhizome extracts of *Curcuma longa* (Zingiberaceae), UGC sponsored National Seminar on Recent Trends in Botany, PG & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli – 20, on 24th Feb. pp 14.
14. Kala A, **Soosairaj S** and Mathiyazhagan S. 2015. Effect of biosynthesized copper nanoparticles on paddy germination and its shoot and root length. National Symposium on Challenges and management approaches for crop diseases of National importance – status and prospectus, organized by Tamilnadu Agricultural University,

Coimbatore and Indian Society of Mycology and plant pathology, Udaipur on 12 -14th February 2015. pp 66-67.

15. Dons T and **Soosairaj S.** 2015. Antibacterial evaluation of Different solvent extracts of medicinal plant: *Justicia tranquebariensis*. National symposium on recent advances in medicinal and aromatic plants. Dept. of Botany, St.Joseph's College, Tiruchirappalli, on 5th February 2015. pp 38
16. Kamarasu S, Raja P, and **Soosairaj S.** 2015. Dry grass land species composition of upper Palni hills of Western ghats, South India. National symposium on recent advances in medicinal and aromatic plants. Dept. of Botany, St.Joseph's College, Tiruchirappalli, on 5th February 2015. pp 39
17. Raja B, Raja P, and **Soosairaj S.** 2015. Angiosperms of Urumar Sacred grove, Pudukkottai district of Tamilnadu, South India. National symposium on recent advances in medicinal and aromatic plants. Dept. of Botany, St.Joseph's College, Tiruchirappalli, on 5th February 2015. pp 40
18. Kala A and **Soosairaj S.** 2015. Biosynthesis of Silver Nanoparticle from ethanol extract of *Pongamia pinnata* (L.) Pierre and its activity against leaf blight disease of rice. National symposium on recent advances in medicinal and aromatic plants. Dept. of Botany, St.Joseph's College, Tiruchirappalli, on 5th February 2015. pp 53
19. Raja P and **Soosairaj S.** 2014. Checklist of flora of Sittanavasal, Pudukkottai district, Tamilnadu, India. National Symposium on Recent Advances in Medicinal and aromatic plants. organized by Department of Botany, St.Joseph's College, Tiruchirappalli, on 5th February, 2014, pp45.
20. Dhatchanamoorthy N. and Soosairaj S. 2014. Threatened plants of the Southern Eastern ghats, Tamilnadu, India. National Symposium on Recent Advances in Medicinal and aromatic plants. organized by Department of Botany, St.Joseph's College, Tiruchirappalli, on 5th February, 2014, pp17.

21. Dons T. and **Soosairaj S.** 2014. Ethnobotanical studies on plant resources of Semmalai hills, Karur District, Tamilnadu. National Symposium on Recent Advances in Medicinal and aromatic plants. organized by Department of Botany, St. Joseph's College, Tiruchirappalli, on 5th February, 2014, pp31.
22. Kala A, Sathya S and **Soosairaj S.** 2014. Preliminary phytochemical analysis of fruit extracts of *Morinda tinctoria* Roxb. and *Datura innoxia* Mill. National Symposium on Recent Advances in Medicinal and aromatic plants. organized by Department of Botany, St. Joseph's College, Tiruchirappalli, on 5th February, 2014, pp21.
23. Dons T and **Soosairaj S.** 2013. Traditional health practice of Thottianaikans of Semmalai hills, Tamilnadu. UGC sponsored National Symposium on Herbs: a natural wonder for Disease and Pest control. Dept. of Biotechnology, Periyar University, Salem, 20th August. pp3.
24. Chandra Sekar GK and **S Soosairaj.** 2013. Phytochemical screening and antimicrobial activity of *Geophila repens* (L.) I.M. Johnst. National seminar on "Therapeutic biocompounds", organized by Department of Biochemistry, St. Joseph's College, Tiruchirappalli on 1st and 2nd of March, 2013, pp 18.
25. Dhathchanamoorthy N, Raja P, **Soosairaj S** and Kala A. 2013. Studies on conservation status of endangered, endemic and rare plants of Tropical Dry Evergreen forest (TDEF) Tamilnadu, India. National conference on biodiversity conservation and sustainable development. Dept. of Botany, St. Andrew's College, Gorakhpur, 6th and 7th Feb. 2013, pp 40-41.
26. **Soosairaj S.** 2012. Influences of topographic factors on vegetation in tropical forests of Pacchaimalai hills. In National Conference on Climate change, biodiversity and conservation, 15 and 16th Feb., 2012. St. Andrew's College, Gorakhpur, UP.
27. **Soosairaj S** and Maria Peter. 2011. Check list of coastal flora of Pudukkottai district, Tamilnadu, India. National Conference on Climate change, Biodiversity and

Conservation, 16th and 17th Feb., 2011, Organised by Dept. of Botany, St. Andrew's College, Gorakhpur, UP.

28. Thamacin A and **Soosairaj S.** 2007. Ethnobotanical studies in Villupuram district. In: National seminar on 'New Frontiers in Biological Science', Holy Cross College, Trichy. 19th – 20th Jan. 2007.
29. Thamacin A and **Soosairaj S.** 2007. A survey of Traditional medicinal plants in Villupuram district. In: National seminar on 'Recent advances in Medicinal plants research', Dept. of Botany, Annamalai University, Chidamparam. March 3rd – 4th.
30. Thamacin A and **Soosairaj S.** 2007. Medicinal plant of ethnopaediatric importance in Villupuram district, Tamilnadu. In: Recent trends in Biotechnology and its role in Utilization of biodiversity', PG & Research Dept. of Botany, Jamal Mohamad College, Trichy. March 5th – 6th, 2007.
31. Karthik K and **Soosairaj S.** 2006. Chicken feather compost production – a triple purpose enterprise. In: National seminar on *Recent advances in Plant biology*, Dept of Botany, Viruchunagar Hindu Nadars' Senthikumara Nada College, Virudhunagar, 10 – 11th Aug.
32. Dhanasekar S, Muthukumar B, Balaguru B, **Soosairaj S** and Nagamurugan N. 2003. Study on structure and total important value of the woody vegetation in a sacred grove in Pudukkottai district of Tamil nadu. In: Regional seminar on '*People, Plants and Future*' The Gandhigram Rural Institute, Deemed University, Gandhigram 21 – 29, Feb. pp 39.
33. John Britto S, Balaguru B, **Soosairaj S**, Nagamurugan N and Natarajan D. 2003. Identification of Biodiversity gaps in eastern ghats using remote sensing and GIS. In: *National Seminar on remote sensing and geographical Information system in natural resource management – current status & emerging trends*, Mahatma Gandhi University, Kottayam, Mar. 15 – 17.

ORIENTATION AND REFRESHER COURSES

1. UGC sponsored **Refresher Course in Biotechnology**, by UGC Academic Staff College, Bharathiar University, Coimbatore-641 046, Tamilnadu. From 17.11.2017 to 07.12.2017, A grade.
2. UGC sponsored **Refresher Course in Botany**, by UGC Academic Staff College, Bharathiar University, Coimbatore-641 046, Tamilnadu. From 09.11.2010 to 29.11.2010, A grade.
3. UGC sponsored **Orientation Course**, by UGC Academic Staff College, Bharathidasan University, Tiruchirappalli-23, Tamilnadu. From 16.05.2008 to 12.06.2008, A grade.

RESOURCE PERSON

1. Soosairaj S. 2017. Resource Person for UGC sponsored National Seminar on **Importance of Taxonomy** organized by Department of Botany, St.Mary's College, Sulthan Bathery, Wayanad, Kerala-673592, from March 8-10, March 2017 and delivered a talk on "**Relevance of Plant Taxonomy**".
2. Soosairaj S. 2013. Resource Person one day state level workshop on "**Pharmacognostical screening of medicinal plants**", organized by Department of Botany, St.Joseph's College, Tiruchirappalli -02. 4th March, 2013.

WORKSHOP/SYMPOSIUM/SEMINAR PARTICIPATED

National

1. **STEM Teacher Training workshop on Research Based Pedagogical Tools**, organized by Sacred Heart College, Kochi, Kerala, from 11th – 14th October 2017.
2. Science Academics' Lecture Workshop on **New Vistas in Biodiversity and Bioresources** organized by Dept. of Botany, St.Joseph's College, Tiruchirappalli-02, from 2nd to 4th August, 2017

3. National Symposium on **Medicinal and Aromatic Plants** organized by Dept. of Botany, St.Joseph's College, Tiruchirappalli-02, on 15th February, 2017
4. State level Workshop on **Plant tissue culture techniques**, organized by Dept. of Botany, St.Joseph's College, Tiruchirappalli-02, on 8th February, 2017
5. National Workshop on **Data Science Research-Biological Data Management**, sponsored by DST, Dept. of Botany, Jamal Mohamed College, Tiruchirappalli – 20, on 23rd to 25th January, 2017.
6. National Seminar on **Global food security and the role of biotechnology in sustainable food systems and nutrition**, Dept. of Biotechnology, St.Joseph's College, Tiruchirappalli-02, on 5th January, 2017.
7. National conference on **Higher education in the knowledge Age: Techno-pedagogical Perspectives and innovations**, St.Joseph's College, Tiruchirappalli-02, on 24th & 25th February, 2016.
8. DBT-STAR college scheme One day seminar on **Bioinformatics: Challenges and applications**, Department of Botany, St.Joseph's College, Tiruchirappalli-02, on 15th February, 2016.
9. Science Academies' Lecture workshop on **Bioprospecting and Bioresources**, Department of Botany, St.Joseph's College, Tiruchirappalli-02, on 10th to 12th, February, 2016.
10. One day state level workshop on **Plant tissue culture technique**, Department of Botany, St.Joseph's College, Tiruchirappalli-02, on 3rd February, 2016.
11. Workshop on **Revitalization of Innovative Instructional Strategies for Environmental Education** organized by Lady Doak College, Madurai on 29th September 2016.
12. DBT-STAR college scheme, One day seminar on **Nanoscience and Technology**, Department of Botany, St.Joseph's College, Tiruchirappalli-02, on 20th January, 2016.
13. **Faculty orientation programme on value education**, Dept. of Foundation courses, St.Joseph's College (Autonomous), Tiruchirappalli on 17th August 2016.
14. **Capacity building workshop for faculty on e-content development**, organized by St.Joseph's College, Tiruchirappalli-02, on 9th to 12th June, 2015.

15. **Dr V Balakrishnan Memorial CME programme**, organized by Department of Biotechnology, St. Joseph's College, Tiruchirappalli-02, on 5th March, 2015.
16. UGC sponsored National symposium on **Recent Advances in Medicinal and aromatic plants**, organized by Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli-02, on 5th February 2015.
17. **Science Academies Lecture workshop on Vistas in Biosciences** organized by Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli-02, on 30th and 31st of January 2015.
18. TNSCST sponsored National seminar on **Prospects and challenges in stem cell research**, organized by Department of Biotechnology, St. Joseph's College, Tiruchirappalli – 02, on 12th January, 2015.
19. One day state level workshop on **Plant tissue culture techniques**, organized by Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli-02, on 22nd Dec. 2014.
20. One day Regional level workshop on **Vermiculture Techniques**, organized by Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli-02, on 12th Dec. 2014.
21. One day workshop on **Plant taxonomy key preparation**, organized by Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli-02, on 26th September 2014.
22. UGC sponsored National level conference on “**Recent innovation and future trends in biology**” organized by Dept. of Botany, National College, Tiruchirappalli-1, on 24th and 25th of July 2014.
23. One day seminar on **Staff orientation on values**, organized by Department of Foundation Course, St. Joseph's College, Tiruchirappalli, on 20th & 21st of January, 2014.

24. Faculty development programme on **Entrepreneurship development**, St. Joseph's College and Entrepreneurship Development Institute, Chennai, Feb. 1st - 15th, 2013.
25. National conference on **Biodiversity conservation and sustainable development**, Department of Botany, St. Andrew's College, Gorakhpur, Feb 6-7th 2013.
26. Ten days **Soft Skill programme** organized by Joseph Academy of Soft Skills, St. Joseph's College, Tiruchirappalli, August and October, 2012.
27. Regional workshop on **Histochemistry** organized by the Department of Botany, St. Joseph's College, Tiruchirappalli, 18th October, 2012.
28. One day state level workshop on **Mushroom cultivation**, organized by the Department of Botany, St. Joseph's College, Tiruchirappalli, 18th December, 2012.
29. Workshop on "**Challenges ahead in the groundwater sector of Tamilnadu**", organized by Central Ground water Board, South Eastern Coastal Region, Chennai on 9th Feb. 2011 at Tiruchirappalli.
30. National Conference on "**The Role of ICT in Higher Education: Quality, Accessibility and security**", 29-30th of Jan, 2010, St. Joseph's College, Tiruchirappalli.
31. Workshop on '**Biostatistics and introduction to Statistical Computing**', organized by Thiagarajar College, Madurai and ICT Academy of Tamilnadu, on 13,14th October, 2010, Madurai.
32. National Conference on "**Higher Education and National Development: the Challenge of expansion quality and inclusion**", St. Joseph's College, Tiruchirappalli, on 30-31st of Jan, 2009.

33. National Conference on “**Quality enhancement and Sustenance in Higher Educational Institutions through Six Sigma Quality Strategy**”, St. Joseph’s College, Tiruchirappalli, 23-24th of March, 2008.
34. Course on ‘**Orientation for the freshers**’ organized by St. Joseph’s College, Tiruchirappalli, on 4-5th Feb., 2008.
35. Regional Conference on ‘**Fern diversity of India**’, Centre for Biodiversity & Biotechnology, St. Xavier’s College, Palayamkottai and Dept. of Plant Biology and Plant Biotechnology, ST. Joseph’s College, Tiruchirappalli, 24th Feb, 2007.
36. Workshop on ‘**Inter-personal skills for staff members**’ by St. Joseph’s College, Tiruchirappalli, 3rd – 4th Mar., 2007.
37. Workshop on ‘**Patent awareness**’, Dept. of Biotechnology, St. Joseph’s College (Autonomous), Tiruchirappalli. April 7, 2006.
38. National level seminar on ‘**Emerging trends in life science-2006**’, Dept. of Zoology, Bishop Heber College, Tiruchirappalli, Aug, 24 – 25th 2006.
39. National seminar on ‘**Advances in Biology**’, Dept. of Botany, St. Joseph’s College (Autonomous), Tiruchirappalli. Jan. 19 – 20, 2005.
40. National seminar on ‘**Digitalised information exchange for quality sustenance and enhancement among accredited institutions**’, St. Joseph’s College (Autonomous), Tiruchirappalli. Mar. 3 – 4, 2005.
41. Workshop on ‘**Fluorescence technology**’, Dept. of Botany, St. Joseph’s College (Autonomous), Tiruchirappalli. Feb. 14, 2004.
42. Workshop on ‘**Techniques in experimental and clinical immunology**’, Dept. of Biochemistry, St. Joseph’s College (Autonomous), Tiruchirappalli. Feb. 25 – 26, 2004.

43. Workshop on '*Techniques in tissue culture and histochemistry*', Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli. Sep. 16 – 17, 2004.
44. Workshop on '*Mushroom culture and vermitechology*', Dept. of Botany, St. Joseph's College (Autonomous), Tiruchirappalli. Dec. 20, 2004.
45. Participated in National Symposium on "*Medicinal plants-diversity, Utilization and Conservation*", Feb 5-6, 2001, Dept. of Botany, St. Joseph's College, Tiruchirappalli.
46. ISRS National symposium on '*Remote sensing applications for natural resources retrospective and perspective*', ISRS and NNRMS, Bangalore. Jan. 19 – 21, 1999.

Ph.D. GUIDED

1. 2018. A. Johny Kumar Tagore, 45358/Ph.D1/Botany/Part Time/January 2012 dated 17.05.2012. **Status Assessment of Plants endemic to Saddle Peak National park in Andaman islands.** Viva 01.10.2018
2. 2017. P. Raja, 15839/ Ph.D.1/Botany/ full time/ July 2012 dated 25.06.2012. **Floristic studies in Pudukkottai district of Tamilnadu.** Viva 16.11.2017
3. 2017. A. Kala, 33454/ Ph.D.1/Botany/ full time/ Oct 2011 dated 18.10.2011. **Copper bionanoparticles synthesis and its influence on the growth and control of *Xanthomonas oryzae pv. oryzae*.** Viva 14.11.2017.
4. 2017. T. Dons, 34465/ Ph.D.1/Botany/ full time/ Oct 2012 dated 10.10.2012. **Phytochemical screening and preclinical evaluation of herbal lotion for wound healing activity in Albino rats.** Viva 24.08.2017.

5. 2015. N. Dhatchanamoorthy, 34163/Ph.D.1/Botany/Oct 2011/full time, **Floristic studies and digital flora preparation of Karaikal district, U.T. of Puducherry, India.**

M.PHIL. PROJECTS GUIDED

1. 2011. Jansipriya S. Effect of antibiotic treatment on Wolbachia sp. In mosquito system and its impact on the biological processes of the vector mosquito, Culex quiquefasciatus. 10MBT105.
2. 2010. Rajasekaran G. Floristic studies in Thatchanguruchi reserve forest, Tiruchirappalli district. 6MBO12030002
3. 2008. Veerakumar N. Floristic study of Sacred groves in Namakkal district. 6MBO12530014
4. 2007. Vijaya Chitra R. (06MBO102). Natural sweeteners distribution and Characterization.
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