

RESUME



1. **Name** : **S. P. ANAND***
2. **Qualification** : M.Sc., M.Phil., Ph.D.
3. **Date of Birth & Age** : 10-07-1976 & 42 years
4. **Father's Name** : S. R. Subramaniam
5. **Mother's Name** : S. Parvathi
6. **Nationality & Religion** : Indian & Hindu
7. **Community & Caste** : Backward Class & Kongu Vellalar Gounder
8. **Sex & Marital Status** : Male & Married
9. **Address for communication** : Assistant Professor in Botany
Research Advisor in Botany & Biotechnology
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New Raja Colony, Beema Nagar,
Tiruchirappalli, Tamil Nadu, South India -620 001.

11. Educational Profile:

Degree	Subject	Institution/University	Year of Passing	Class %
Ph.D. (Full time)	Botany	St.Joseph's College Bharathidasan University Tiruchirappalli	September 2007	Commended
M.Phil. (Full time)	Botany	St.Joseph's College Bharathidasan University Tiruchirappalli	January 2002	First 68.60
M.Sc. (Regular)	Botany	Annamalai University Chidambaram	May 1999	First 70.06
B.Sc.	Botany	Jamal Mohamed College Bharathidasan University Tiruchirappalli	November 1996	Second 57.17
HSC	Phy, Che, Bot & Zoo	Govt. Hr. Sec. School Rasipuram	March 1993	Second 50.42
SSLC	General	Nirmala Hr. Sec. School Kolathur	April 1991	First 61.80

* "As per UGC letter No. F.1-38.97 (CPP-II), dt. 18-04-1998 and Tamil Nadu Government Letter No.15613/K2/98-1, dt. 22-7-1998, the mother's name (Initial only) is also included along with the name of the candidate", so my name **S. ANAND** is changed as **S.P.ANAND** from my M.Phil. course during 2001-02 onwards. And also name changed in Tamil Nadu Government Gazette, No. 30, Part – VI, Section – 4, published on 1st August 2007, at page no. 962.

12. Teaching Experience (17 years)

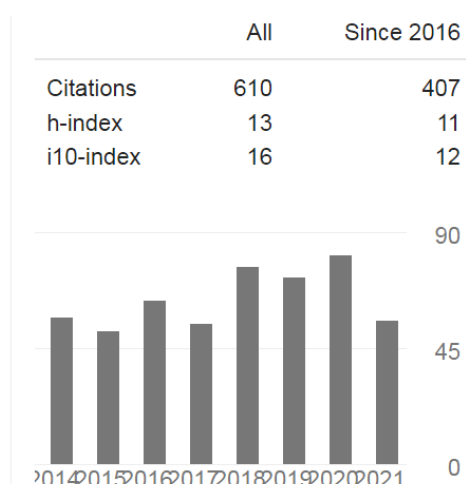
- Working as a Assistant Professor in the PG & Research Department of Botany, **National College** (Autonomous), Tiruchirappalli-1, from December 19th 2007 to till date (**13 years**).
- Worked as a Lecturer in the Department of Plant Biology & Plant Biotechnology, St. Joseph's College(Autonomous), Tiruchirappalli-2, from June 16th, 2004 to December 18th 2007 (3½ years).

13. Major Research Projects

Name of the Project	Title of the Project	Name of the Funding Agency	Amount (Rs.)	Duration & Status
Major Research Project	Enumeration of medicinal plants from Boda hill, Namakkal District of Tamil Nadu and tissue culture, antimicrobial and phytochemical studies on some high value therapeutic plants.	UGC F. No. 41-440/2012 (SR)	8,41,800/-	Jul.2012 to Dec. 2015 & Completed
Major Research Project	Characterization of bioactive and biochemical constituents in some wild edible fruits of Eastern Ghats, Tamil Nadu .	DST-SERB F. No. SB/YS/LS-364/2013	15,00,000/-	Dec. 2014 to Dec. 2017 & Completed

14. Citation indices (Google Scholar)

Citations	610
h-index	13
i10-index	16
Impact factor	3.87



15. Research Specialization in Ph.D.

- Title of the Thesis : Ethnobotanical, antimicrobial, tissue culture and phytochemical studies in *Zehneria scabra* (L. f.) Sonder.
- Area of the Research : Conservation, Tissue Culture, Microbial Studies & Phytochemical analysis of some Medicinal Plants.

16. Research Specialization in M. Phil.

- Title of the Thesis : Lethal effect of Nickel on Biochemical changes of *Vigna radiata* L. Wilczek and *Zea mays* L.

17. Positions held

- Serve as a **Deputy Warden** for Boys Hostel of National College, Tiruchirappalli, from June 2014 to till date. **(8 years)**
- Served as an **IQAC member** in National College, Tiruchirappalli, from January 2012 to 2016. (4 years).
- Served as a **Purchase committee member** in National College, Tiruchirappalli, from June 2010 to 2018. (8 years).
- Served as a **NSS Programme officer** in National College, Tiruchirappalli, from June 2009 to May 2014. (5 years).
- Served as a **Discipline committee member** in National College, Tiruchirappalli, from June 2009 to 2018. (9 years).
- Served as a **Campus garden & Campus maintenance committee member** in National College, Tiruchirappalli-1, from June 2008 to 2018. (9 years).
- Served as a **Botany association Vice-president** in National College, Tiruchirappalli-1, from June 2008 to May 2009, June 2014 to May 2015, June 2019 to May 2020. (3 years).
- Served as an **Assistant Director** in New Hostel, St. Joseph's College, Tiruchirappalli-2, from June 2006 to May 2008 (2 years).

18. Fellowship / Stipend

- Received Young Scientist Award by DST-SERB (SB/YS/LS-364/2013).
- Received the stipend through fulltime Ph.D. Research Scholars Scheme from **Tamil Nadu State Government**, Department of Collegiate Education, Chennai-600 006, for the period of October 2003 to September 2004. (Rc.No.21500/K2/2003 Dt.09-04-2004).

19. Participation in Orientation / Refresher Courses

- ✓ Participated in the UGC - sponsored online *Refresher Course in Teacher Education (Multidisciplinary)* held during the period of 14 days from 24/02/2021 to 09/03/2021 at UGC - HRDC, Bharathidasan University, Tiruchirappalli - 620 023.

- ✓ Participated in the UGC - sponsored Online Short Term Course on “*Research methodology*” held during the period of 6 days from 17.08.2020 to 23.08.2020 at UGC-HRDC, Sardar Patel University, Gujarat.
- ✓ Participated in the UGC - sponsored Short Term Course on *E- Content Deveopment* held during the period of 6 days from 06.08.2020 to 12.08.2020 at UGC-HRDC, Gujarat University, Ahmedadad.
- ✓ Participated in the UGC - sponsored *Refresher Course in Life Sciences* held for the period of 21 days from 02.12.2015 to 22.12.2015 at UGC-HRDC, University of Calicut, Kerala - 673 635.
- ✓ Participated in the UGC - sponsored *Refresher Course in Environmental Science (Interdisciplinary)* held for the period of 21 days from 06/09/2011 to 26/09/2011 at UGC - Academic Staff College, Madras University, Chennai - 600 005.
- ✓ Participated in the “*NSS General Orientation Course*” held for the period of 10 days from 05/10/2009 to 14/10/2009 at TORC - NSS, Madras School of Social Work, Chennai - 600 008.
- ✓ Participated Bharathidasan University sponsored 3 days *Orientation Course* on “Value Education” from 16/03/2009 to 18/03/2009 at Temple of consciousness, Arutperumjothi nagar , Aliyar - 642 101.
- ✓ Participated in the UGC - sponsored *Orientation Course* held for the period of 28 days from 04/02/2009 to 03/03/2009 at UGC - Academic Staff College, Bharathiyar University, Coimbatore – 641 046.

20. Editor/ Reviewer etc. in Journals

- ❖ **Member of scientific advisory board** of Veterinary World
- ❖ **Editor** in Botany Research International Journal(BRI), UAE
- ❖ **Reviewer** in World Applied Science Journal (WASJ) Babol, Iran
- ❖ **Reviewer** in Chinese Journal of Natural Medicines, China
- ❖ **Reviewer** in Basic Research Journal of Medicine and Clinical Sciences
- ❖ **Fellow member** of the Biologist forum of India.
- ❖ **Reviewer** in Science Asia Journal, Bangkok.

21. Resource Person/ Invited talk etc.

- ✓ Hoisted the National flag and delivered the **Republic day address** during the republic day was celebrated on 26th January 2018 at S.M.I. Hr. Sec. School, Tiruchirappalli.

- ✓ Delivered talk on “**Medicinal plants and its conservation**” for Core Group students of National College, Tiruchirappalli on 9th March 2016.
- ✓ Delivered **speech in All India Radio** (Tiruchirappalli) in the title of “Medicinal plant biodiversity” on 31 December 2015.
- ✓ **Resource person** for the Biotechnology association meeting at Cauvery College for Women, Tiruchirappalli -18 on 31st August 2013 and delivered lecture on “Plant Tissue Culture –A green Biotechnology”
- ✓ **Resource person** for the Career Orientation Programme on “Plant Tissue Culture” held on 30th August 2012 at Dhanalakshmi Srinivasan College of Arts & Science for Women, Perambalur – 621 212, Tamil Nadu.
- ✓ Delivered an **Invited talk** for NSS Day celebration held on 24th September 2012 at Chettinad College for Arts & Science, Tiruchirappalli, Tamil Nadu.

22. Books Published (2)

1. **S. P. Anand** and G.Velmurugan (2015). **MEDICINAL PLANTS – DIVERSITY AND AILMENTS** (Flora of Boda Hills, Tamil Nadu) ISBN: 978-93-85640-23-0, Archers & Elevators Publishing House, Bangalore- 560 090. India.
2. A. Doss and **S. P. Anand** (2013), Medicinal plants – A potential alternative therapy for infectious diseases. Chapter in “Antimicrobials from Nature: Effective Control Agents for Drug Resistant Pathogens (ISBN978-81-7895-604-6)” Editor: James Hamuel Doughari. Transworld Research Network publisher, pp. 33.

23. Paper Publications in Journals (87 Articles)

1. K Tamilselvi, **S P Anand** and A Doss (2019). *In vitro* study on inhibition of glycosylation of ethanol leaf extract of *Gardenia latifolia* AIT. The Pharma Innovation Journal. 8(5): 511-513.
2. Aadhan K and **Anand S P** (2019). Floristic conservation and phenological study on some valuable medicinal plant species in Sadhuragiri Hills, Southern Western Ghats of Tamil Nadu. Environment and Ecology. 37 (3) : 649 -663.
3. K Tamilselvi, **S P Anand** and A Doss (2019). *In-vitro* evaluation of the interactions between herbal drug (*Gardenia latifolia* Ait) and antibiotic (*Streptomycin*). Journal of Pharmacognosy and Phytochemistry 8(3): 3406-3409.
4. Aadhan Kamatchi and **Anand Subramaniam Parvathi** (2019), Traditional remedial plants utilized in the Paliyar’s tribe handling of different skin diseases from Sadhuragiri hills, Tamil Nadu. Indian Journal of Drug Delivery and Therapeutics. 9(1):275-285.

5. Keerthiga M., Marimuthu C. and **Anand S. P.** (2018), Wound healing potential of medicinal plants from Periyakombai hill area, Namakkal district, Tamil Nadu. *Journal of Emerging Technologies and innovative Research*. 5(10):10-16.
6. **Anand S. P.**, Deborah S and Velmurugan G. (2018) Evaluation of antioxidant activity of some wild edible fruits collected from Boda and Kolli hills. *Journal of Phytopharmacology*. 7(2):127-133.
7. K. Aadhan and **S P Anand** (2018). Utilization of wild edible plants by Paliyar's tribe of Sadhuragiri hills, Tamil Nadu, India. *International Journal of Recent Scientific Research*. 9 (5): 27090-27096.
8. K. Aadhan and **S P Anand** (2018). Wild Ethno Pharmacognosy Plants Utilize for the Treatment of Jaundice by Paliyar's Tribe in Sadhuragiri Hills, A Part of Western Ghats, Tamil Nadu, India. *International Journal of Pharma Research and Health Sciences*. 6 (1): 2109-18.
9. K. Aadhan, and **S P Anand** (2018). Ethnomedicinal plants utilized by Paliyar's tribe in Sadhuragiri hills, Southern Western Ghats, Tamil Nadu, India. *International Journal of Biology Research*. 3(1): 7-15.
10. Aadhan Kamatchi, **Anand Subramaniam Parvathi** (2018). Systematic survey and Ethnomedico of climbing species in the Sadhuragiri hills southern Western Ghats of India. *International Journal of Research in Pharmacy and Pharmaceutical Sciences*. 3(1): 1-8.
11. Deborah, S., **Anand, S. P.**, and Velmurugan, G. (2017). Evaluation of *In vitro* anticancer activity of *Tarenna asiatica* (L.) fruits ethanolic extract against human breast cancer. *International Journal of Herbal Medicine*. 5(5): 110-113.
12. **S. P. Anand** and S. Deborah (2017). Preliminary phytochemical screening of wild edible fruits from Boda and Kolli hills. *Journal of Medicinal Herbs and Ethnomedicine*. 2017, 3: 8-12.
13. **S.P. Anand**, S Deborah and G Velmurugan (2017). Antimicrobial activity, nutritional profile and phytochemical screening of wild edible fruit of *Catunaregam spinosa* (Thunb.) Tirveng. *The Pharma Innovation Journal*. 6(10), 106-109.
14. Deborah, S., and **Anand, S. P.** (2017). *In vitro* Antibacterial activity of *Phoenix loureiroi* KUNTH against selected Gram negative and Gram positive pathogenic bacteria. *International Journal of Scientific & Engineering Research*. 8(7), 1412-1421.

15. Aadhan Kamatchi and **Anand Subramaniam Parvathi** (2017). Ethnomedico and ethnoeconomic studies of grasses utilization by paliyar's tribal in Sadhuragiri hills, a part of western ghats, Tamil Nadu, India. *World Journal of Pharmacy and Pharmaceutical Sciences*. 6(8), 2478-2491.
16. Tamilselvi, K., **Anand, S. P.** and Doss, A. (2017). Free radical scavenging capacity, antioxidant activity and Phenolic content of *Gardenia latifolia*. *Asian Journal of Science and Technology*. 8(12), 7121-7125.
17. **Anand, S. P.**, Deborah, S. and Velmurugan, G. (2017). Quantitative phytochemical analysis of some edible fruits from Boda and Kolli hills. *Journal of Pharmacognosy and Phytochemistry*, 6(5), 2002-2005.
18. Aadhan, K., and **Anand, S. P.** (2017). Survey of medicinal plants used for the treatment of diabetes by the Paliyar's Tribe in Sadhuragiri hills, Tamil Nadu, India. *International Journal of Herbal Medicine*, 5(3), 17-25.
19. K Aadhan, and **S P Anand** (2017). Survey of wild aromatic plants and utilize Paliyar tribes ethnomedicinal of Sadhuragiri hills, southern western Ghats, Tamil Nadu, India. *International Journal of Botany Studies*. 2(6), 18-24.
20. Velmurugan, G. and **S. P. Anand** (2017). *In vitro* antioxidant activity of *Phyllodium pulchellum* L. Desv - an threatened medicinal plant. *Asian Journal of Pharmaceutical and Clinical Research*. 10(10); 282-285.
21. Velmurugan, G. and **S. P. Anand** (2017). Phytochemical analysis of *Phyllodium pulchellum* L. Desv. Leaf by UV-visible spectroscopy and FTIR. *International Journal of Pharmacy and Biological Sciences*. 7(3); 61-64.
22. Gopal Velmurugan and **Subramaniam Parvathi Anand** (2017). Antifungal Activity and Quantitative Phytochemical Analysis of *Phyllodium pulchellum* L. Desv.- An Important Medicinal Plant. *International Journal of Current Research in Biosciences and Plant Biology*. 4(8); 67-72.
23. Gopal Velmurugan and **Subramaniam Parvathi Anand** (2017). *In vitro* regeneration of a threatened medicinal plant *Phyllodium pulchellum* L. Desv. *International Journal of Botany and Research*. 7(4); 61-68.
24. Velmurugan G and **Anand S P** (2017). GC-MS Analysis of Bioactive Compounds on Ethanolic Leaf Extract of *Phyllodium pulchellum* L. Desv. *International Journal of Pharmacognosy and Phytochemical Research*; 9(1): 114-118.

25. K Aadhan, **S P Anand** (2017). Documentation of rare, endangered and threatened medicinal plants species in Sadhuragiri Hills, Tamil Nadu, India. *International Journal of Botany Studies*. 2(1) 32-37.
26. G. Mohan, **S. P. Anand** and A. Doss (2017). Evaluation of Antioxidant and Antibacterial activity of leaf extracts of *Prosopis cineraria* (L.) Druce. *J. of Advanced Botany and Zoology*. 4(3): 1- 4.
27. **S. P. Anand** and S. Deborah (2016). Nutritional analysis of wild edible fruits from Boda and Kolli hills, Tamil Nadu. *International Journal of Nutrition and Agriculture Research*, 3 (2): 85-92.
28. **S. P. Anand**, G. Velmurugan and D. Revathi (2016). Survey of medicinal plants from Vadachennimalai Hill, Salem district of Tamil Nadu, India. *Journal of Medicinal Plants Studies*. 4(3): 219 - 223.
29. **S. P. Anand** and S. Deborah (2016). Enumeration of wild edible fruits from Boda Hills and Kolli Hills. *International Journal of Applied Biology and Pharmaceutical Technology*. 7(2): 96 -102.
30. G. Velmurugan and **S. P. Anand** (2016). Preliminary phytochemical screening and antibacterial activity of *Phyllodium pulchellum* L. desv. an important medicinal plant. *International Journal of Advanced Research*. 4(2): 785-791.
31. Keerthiga M. and **Anand S. P.** (2015) Anti-infective and anti-biofilm activity of *Geodorum densiflorum* (Lam.) Schltr. against Methicillin resistant and sensitive *Staphylococcus aureus*. *Advances in Applied Science Research*. 6 (5): 43-46.
32. Keerthiga M and **Anand S. P.** (2015) Bioactive Compound Evaluation of Ethanol Extract from *Geodorum densiflorum* (Lam.) Schltr. by GC-MS analysis. *International Journal of Pharmacological Research*. 5 (6): 139 -144.
33. **S. P. Anand**, G. Velmurugan and A. Doss (2015). *In-vitro* direct regeneration from nodal explants of *Toddalia asiatica* (L.) Lam. *Asian Journal of Plant Science and Research*. 5(1): 49-53.
34. M. Keerthiga and **S.P. Anand**, (2015). Study on preliminary phytochemical and antibacterial activity against human pathogens of an endangered orchid-*Habenaria plantaginea* Lindl. *International Journal of Pharmaceutical sciences and Research*. 6(3): 1101 -1106.
35. **S. P. Anand**, A. Doss and V. Nandagopalan (2014). Qualitative and quantitative analysis of phytochemicals in *Aerva javanica* (Burm. F.) Shult. *Acta Biomedica Scientia*. 1(2): 93-97.

36. M. Keerthiga and **S.P. Anand** (2014). Antifungal Activity of *Geodorum densiflorum* (Lam.) Schltr. against pathogenic Fungi. *American Journal of Phytomedicine and Clinical Therapeutics*. 2(12): 1456-1461.
37. **Subramaniam Parvathi Anand**, Gopal Velmurugan and Asirvatham Doss (2014). Phytochemical and Antimicrobial screening of *Ctenolepis garcinii* Burm.f -an important medicinal climber, *Int.J.Curr.Biotechnol*. 2(11):1-4.
38. Velmurugan, G., **S. P. Anand**, and Doss, A. (2014). *Phyllodium Pulchellum*: A Potential medicinal plant - A review. *International Journal of Pharmacy Review and Research*. 4(4): 203 – 206.
39. Keerthiga M and **Anand SP**. (2014) A review on ethnomedicinal, phytochemical and pharmacological studies of *Geodorum densiflorum* (Lam.) Schltr. - an endangered orchid. *Journal of Research in Biology*. 4(8):1543-1548.
40. V. Nandagopalan, A. Doss and **S.P. Anand** (2014). Uses and commercial prospects of *Prosopis juliflora*, in Pudukkottai district, South India. *International Journal of Phytotherapy*. 4 (4):162-166.
41. Keerthiga, M. and **S. P. Anand**, (2014) Physiochemical, preliminary phytochemical analysis and antibacterial Activity against clinical pathogens of medicinally important orchid *Geodorum densiflorum* (Lam) Schltr *International Journal of Pharmacy and Pharmaceutical Sciences*. 6(8): 558. -561.(**Impact Factor 1.59**)
42. V. Nandagopalan, **S.P. Anand** and A. Doss (2014). Ethnobotanical survey of folklore plants for the treatment of jaundice and snake bites in Pudukkottai district of Tamil Nadu, India. *International Journal of Innovative Drug Discovery*. 4 (3): 129-131.
43. A. Doss and **Anand S.P** (2014). Evaluation of anti-diabetic activity of methanol and aqueous extracts of *Asteracantha longifolia* (Linn.) Ness. *Research Journal of Pharmacology*. 8(1):1-5.
44. **Anand S.P**, G. Velmurugan and M. Keerthiga, (2014). Callus induction and *in vitro* regeneration of *Ctenolepis garcinii* – an important medicinal climber. *International Journal of Current Biotechnology*, 2(2):16-20.
45. **S. P. Anand**, G. Velmurugan, M. Keerthiga and V. Nandagopalan (2014). A Comparative study on Antimicrobial Activity of *Argemone mexicana* Linn. and *Aerva javanica* (Burm.f.) Juss. Ex. Schult. *American Journal of PharmTech Research*. 4(1): 530-539.

46. **S P Anand** and G Mohan (2014). Antioxidant activity, Phenol and Flavonoid contents of *Acacia sinuata* (Lourr) Merr. *Bioscience Discovery*. 5(1):24-27. **(Impact Factor 0.39)**
47. A. Doss and **S. P. Anand** (2014). Antihyperglycemic activity of methanol and aqueous extracts of *Pergularia daemia* Linn. *African Journal of Biotechnology*. 13(1) 170 -174. **(Impact Factor 0.57)**
48. **Anand S P**, Velmurugan G and Doss A (2014). Phytochemical screening and antimicrobial activity of aerial parts of *Toddalia asiatica* (L.) Lam. *Journal of pharmaceutical biology*. 4(1) 20 -22.
49. A. Doss and **S. P. Anand** (2013). Evaluation of Antioxidant activity of *Hygrophila auriculata* (Schumach.) Heine and *Pergularia damia* Linn. *Wudpecker Journal of Medicinal Plants*. 2(4) 74 -79.
50. Doss A., **Anand S.P**, Keerthiga M (2013). Effect of foliar application of diammonium phosphate (dap), potash (K) and naphthalene acetic acid (NAA) on growth, yield and some biochemical constituents of *Vigna mungo* (L.) Hepper. *Wudpecker Journal of Agricultural Research* (Nigeria). 2(7) 206 – 208.
51. A. Doss and **S. P. Anand** (2013). Antimicrobial activity of *Hygrophila auriculata* (Schumach.) Heine and *Pergularia daemia* Linn. *African Journal of Plant Science*. 7(4)137-142.
52. **Anand S. P**, Nandagopalan V, Doss A and Jeyachandran R (2013). Hairy root production of transgenic *Plumbago zeylanica* L. plants with *Agrobacterium rhizogenes* under *in-vitro* conditions. *International Journal of Bio-Technology and Research* (IJBTR) 3 (1): 105-110.
53. Doss A. and **Anand S.P.** (2013) Purification and optimization of fungal amylase from litter samples of Western Ghats, Coimbatore, Tamil Nadu (India). *Journal of Scientific Research and Reviews*. 2(1):1 - 4.
54. M. Keerthiga, **S. P. Anand**, V.Nandagopalan, A. Doss and S. R. Senthilkumar (2012). *In vitro* propagation of *Wedelia trilobata* (L.) using *Phormidium subincrustedatum* extracts: A novel approach. *Asian Pacific Journal of Molecular Biology & Biotechnology* (Malaysia) 20 (4): 146-151.
55. A. Doss and **S. P. Anand**, (2012). Purification and characterization of extracellular amylolytic enzyme from *Aspergillus* species. *African Journal of Biotechnology*. 11(83):14941-14945. **(Impact Factor 0.57)**
56. M. Keerthiga, **S. P. Anand**, P. Maheswari, A. Doss and S. R. Senthilkumar (2012). Determination of Phytohormones in *Phormidium subincrustedatum* - An Cyanobacteria. *Research Journal of Agricultural Sciences*. 3(6): 1255-1260.

57. **Anand S. P.**, Posarasan K., Nandagopalan V. and Doss A. (2012). Enumeration of Some Potential Medicinal plants of Palamalai in Salem District of Tamil Nadu, India. *Environ. We Int. J. Sci. Tech.* 7: 37-43.
58. A Doss and **S. P. Anand** (2012). Free Radical Scavenging Activity of *Solanum trilobatum* Linn. on Alloxan - Induced Diabetic Rats. *Biochemistry & Analytical Biochemistry.* 1:6 (<http://dx.doi.org/10.4172/2161-1009.1000115>).
59. **S. P. Anand**, A. Doss, and R.Jeyachandran, (2012). Organogenesis from Internodal explants of *Clitoria ternatea* – an important Anti-inflammatory medicinal plant. *Journal of Advanced BioTech* 11(11): 40-41.
60. **S. P. Anand**, A. Doss and R. Jeyachandran (2012). Antagonistic microbial screening of shoot extracts of *Zehneria scabra* (L.f.) Sonder. *International Journal of Research in Ayurveda and Pharmacy (IJRAP)* 3 (1): 109-111.
61. **S. P. Anand**, E.Jayakumar, R. Jeyachandran, V. Nandagopalan and A.Doss (2012). Direct organogenesis of *Passiflora foetida* L. through nodal explants. *Plant Tissue culture and Biotechnology* 22 (1): 87-91.
62. A. Doss and **S. P. Anand** (2012) Preliminary Phytochemical Screening of *Asteracantha longifolia* and *Pergularia daemia*. *World Applied Sciences Journal.* 18(2): 233-235. **(Impact Factor 0.23)**
63. R. Eswaran, A. Anandan, A. Doss, G. Sangeetha and **S. P. Anand** (2012). Analysis of chemical composition of *Cissus quadrangularis* Linn. by GC-MS. *Asian Journal of Clinical and Pharmaceutical Sciences*, 5 (2) 139-140.
64. A. Anandan, R. Eswaran, A. Doss, G. Sangeetha and **S. P. Anand** (2012). Investigation for bioactive compounds of *Aerva lanata* (L.) Juss. ex Schultes. *Asian Journal of Research Chemistry.* 5(4): 469-471.
65. A. Anandan, R. Eswaran, A. Doss, G. Sangeetha and **S. P. Anand** (2012). Chemical Compounds Investigation of *Lucas aspera* leaves – A potential folklore medicinal plant. *Asian Journal of Clinical and Pharmaceutical Sciences.* 5 (1): 86-88. **(Impact factor: 0.51)**
66. **S. P. Anand**, R. Jeyachandran, and V. Nandagopalan (2011). NMR Spectral Analysis on Root Extract of *Zehneria scabra* A Vital Medicinal Climber. *Journal of Pharmaceutical Science and Research.* 3 (1): 1015-1018.
67. **S. P. Anand**, R. Jeyachandran and V. Nandagopalan (2011). 'In vitro' plant regeneration of *Premna latifolia* from nodal explants. *Asian Journal of Microbiology, Biotechnology and Environmental Science.* 13 (4): 695- 698.
68. **S. P. Anand**, V. Nandagopalan and A. Doss (2011). In vitro direct plant regeneration from shoot tip explants of *Clitoria ternatea* – an important medicinal plant. *International journal of Biological Technology.* 2 (2): 61-63.

69. **S. P. Anand**, A. Doss and V. Nandagopalan (2011). Antibacterial studies on leaves of *Clitoria ternatea* Linn. – an high potential medicinal plant. *International Journal of Applied Biotechnology and Pharmacology*. 2 (3): 453 – 456.
70. Doss, A., Vijayasanthi, M., Parivuguna, V., Anand, S. P., Mohan, G., and Venkataswamy, R. (2011) Antimicrobial effects of Crude Bioactive Compounds from *Lantana camara* Linn. *Journal of Pharmacy Research*.4 (12): 4692-4693.
(Impact factor: 0.01)
71. A. Anandan, R. Eswaran, A. Doss, G. Sangeetha and **S. P. Anand** (2011). Chemical Compounds Investigation of *Cassia auriculata* Leaves - a potential folklore medicinal plant. *Bulletin of Environment pharmacology and Life Sciences*. 1 (1): 20-23.
72. A. Doss, M. Vijayasanthi, **S. P. Anand**, V. Parivuguna and R. Venkataswamy (2011). Screening of Antimicrobial activity of essential oil and methanol extracts of *Citrullus colocynthis* (L.) Schrad. *South Asian Journal of Biological Sciences*. 1 (1): 7-15.
73. A. Doss, M. Vijayasanthi, V. Parivuguna and **S. P. Anand** (2011). Evaluation of antioxidant activity of certain bioactive compounds of *Abutilon indicum* Linn. leaves. *IJPI Journal of Pharmacognosy and Herbal Formulations*. 1(6):1- 6.
74. G. Mohan, **S. P. Anand** and A. Doss, (2011). Efficacy of Aqueous and Methanol extracts of *Caesalpinia sappan* L. and *Mimosa pudica* L. for their potential antimicrobial activity. *South Asian Journal Biological Sciences*. 1(2): 48 – 57.
75. V. Nandagopalan, **S. P. Anand**, U. Selvakumar A. Lakshmi prabha and A.Doss (2011). An Ethnobotanical Study in the Pudukkottai District, South India. *Asian Journal of Experimental Biological Sciences*. 2(3): 412-421.
76. A. Doss, M. Vijayasanthi, V. Parivuguna and **S. P. Anand** (2011). Evaluation of antibacterial properties of ethanol and flavonoids from *Mimosa pudica* Linn. and *Panicum maximum* Jacq. *Journal of Plant Sciences Feed*. 1 (2) : 39 – 44.
77. **S. P. Anand** and R. Jeyachandran (2008). Enumeration of some potential and tribal medicinal plants of Bodamalai hills in Namakkal district of Tamil Nadu. *Journal of Economic, Taxonomic Botany*. 32:353 - 363.
78. **S. P. Anand** and R. Jeyachandran (2005). *In vitro* regeneration of plants from nodal explants of *Zehneria scabra*. *Journal of Tropical Medicinal Plants, Malaysia*. 6: (2) 249 -252.
79. R. Jeyachandran and **S. P. Anand** (2005) Sensitivity of Bacterial Pathogens on the medicinal plant *Tinospora cordifolia* (Wild.) Hook. F. and Thomson. *Asian Journal of Microbiology, Biotechnology and Environmental Science*. 7: (3) 555-557.

80. R. Jeyachandran, **S. P. Anand** and P. Thangavel (2005). 'In vitro micropropagation of *Enicostemma axillare* through leaf explants. Journal of the Swamy Botanical Club 22:113 -116.
81. **S. P. Anand** and R.Jeyachandran (2004). In vitro multiple shoot regeneration from nodal explants of *Zehneria scabra* (L.f.) Sonder - An important medicinal climber. Plant Tissue Cult. 14: 101-106.
82. R. Jeyachandran, **S. P. Anand** and Cindrella, L. (2004). 'In vitro multiplication of *Anisochilus carnosus* from nodal explants. Journal of the Swamy Botanical Club. 21:27-30.
83. R. Jeyachandran, V. Muthumani and **S. P. Anand** (2004). Role of laccase in the detoxification of pesticides, Convergence. 6: (1-4) 91-97.
84. **S. P. Anand** and R. Jeyachandran, (2003). Antibacterial activities of *Zehneria scabra* root extracts. Journal of Tropical Medicinal Plants, 4: 173-179.
85. R. Jeyachandran and **S. P. Anand** (2003). Antibacterial activity of stem extracts of *Tinospora cordifolia* (Willd.) Hook. F. & Thomson. *Ancient Science of Life*. 23 (1): 40-43.
86. R. Jeyachandran, and **S. P. Anand** (2003). Effect of chromium on morphological and Biochemical changes of *Zea mays* L. and *Sorghum vulgare* L. Journal of the Swamy Botanical Club. 20: 43-48.
87. R. Jeyachandran and **S. Anand**, (2002). 'Nickel – induced Biochemical changes on *Vigna radiata* L. Wilczek and *Zea mays* L. Journal of the Swamy Botanical Club 19: 47-50.

24. Papers Presented in Seminars / Conferences (64 Papers)

1. S.Senthilkumar, **S. P. Anand** and S.Sahaya Sathish, (2020),International Confernce on sustainable management and conservation of National Resources. Organized by Department of Zoology, Periyar E.V.R. College, Tiruchirappalli. on 15th February 2020
2. Doss, A. and **S. P. Anand**, (2016). Antioxidant activity of *Astercantha longifolia*(Linn.) Neesin Streptozotocin induced Diabetic Rats,International conference on frontiers in life Science. Organized by Department of Botany, St. Joseph's College, Tiruchirapalli on 7th& 8th March 2016
3. M. Keerthiga and **S. P. Anand**, (2015). Phytochemistry, antioxidant and antibacterial activities of medicinal plants - a comparative study, National Symposium on Recent Advances in Medicinal and Aromatic Plants Organized by Department of Botany, St. Joseph's College, Tiruchirapalli on 05th Feb' 2015.

4. **S. P. Anand**, A.Doss, G.Velmurugan and V.Nandagopalan, (2015). Medicinal plants used for the treatment of Diabetes among tribes of Boda hill of Namakkal District, Tamil Nadu, National Symposium on Recent Advances in Medicinal and Aromatic Plants Organized by Department of Botany, St. Joseph's College, Tiruchirapalli on 05th Feb' 2015.
5. **Anand S. P.**, Ganesamoorthi P., Velmurugan G. and Nandagopalan V. (2013). Enumeration of medicinal plants from Veeramalai, Tiruchirppalli District of Tamil Nadu. Proceedings of DBT sponsored national Conference on "Biodiversity conservation and sustainable development " organized by Department of Botany, St. Andrew's College, Gorakhpur (U.P.) -273 001, 6th & 7th February, 2013.
6. Velmurugan G., **Anand S. P.**, Doss A., Marimuthu. C. and Nandagopalan V. (2013). Enumeration of medicinal plants from Karavalli of Namakkal District. Proceedings of International Conference on "Sustainable utilization, management and conservation of bioresources (ICMCB 13)" organized by Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli, 10th & 11th January, 2013.
7. Doss A., **Anand S. P.**, Keerthiga M. and Nandagopalan V. (2013). Purification and optimization of fungal amylase from litter samples of Western Ghats, Ciombatore, Tamil Nadu (India). Proceedings of International Conference on "Sustainable utilization, management and conservation of bioresources (ICMCB 13)" organized by Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli, 10th & 11th January, 2013.
8. Doss. A, Vijayasanthi M., Mohan. G., **Anand S.P.**, and Parivuguna V (2011). Evaluation of antioxidant activity and hypoglycemic activity of certain bioactive compounds extraction from *Solanum trilobatum* L. Proceedings of DST, CSIR, DBT and MoES sponsored "International Conference on Impact of physical Sciences on Biology" organized by Post Graduate and Research Department of Botany, Queen Mary's College (Autonomous), Chennai , 7th - 9th July, 2011.
9. **Anand S. P.** Velmurugan G. Karunakaran N. and Nandagopalan V. (2010). Evaluation and utilization of plant resources for the chemical drug production from Pasumalaipatti of Pudukottai district in Tamil Nadu. Proceedings of DST sponsored National Seminar on "Phytotherapeutics" organized by Department of Biochemistry, St. Joseph's College (Autonomous), Tiruchirappalli, 29th & 30th March, 2010.
10. **Anand S. P.** Chinnadurai S. Posarasan K. and Nandagopalan V. (2010). Enumeration of important drug yielding plants from Chithanavasal Pudukottai district in Tamil Nadu. Proceedings of DST sponsored National Seminar on

- “Phytotherapeutics” organized by Department of Biochemistry, St. Joseph’s College (Autonomous), Tiruchirappalli, 29th & 30th March, 2010.
11. Selvakumar A. and **Anand S. P.** (2007). Kolli hills of Namakkal District – A rich resource of ethnomedicinal plants. Proceedings of UGC sponsored Regional Seminar on “Recent trends in Biotechnology and its role utilization of Biodiversity” organized by P.G. & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli, 5th & 6th March, 2007.
 12. Marclin Joe Felix D and **Anand S. P.** (2007). Tissue culture investigation on *Heliotropium indicum* L. Proceedings of UGC sponsored Regional Seminar on “Recent trends in Biotechnology and its role utilization of Biodiversity” organized by P.G. & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli, 5th & 6th March, 2007.
 13. Selvakumar A. and **Anand S. P.** (2007). Enumeration of ethnomedicinal plants from foot region of Kolli hills in Namakkal District. Proceedings of UGC sponsored National Seminar on “Recent advances in medicinal plant research” organized by Department of Botany, Annamalai university, Chidambaram, 3rd & 4th March, 2007.
 14. Marclin Joe Felix D and **Anand S. P.** (2007). Antimicrobial screening of *Heliotropium indicum* L. Proceedings of UGC sponsored National Seminar on “Recent advances in medicinal plant research” organized by Department of Botany, Annamalai university, Chidambaram, 3rd & 4th March, 2007.
 15. Jeyachandran, R., Baskaran. X. and **Anand, S. P.** (2006). Antihypertensive nature of *Ruta graveolens* L. Proceedings of National level Seminar on “Thrust areas in Biotechnology”, organized by Department of Biotechnology, Bishop Heber College (Autonomous), Tiruchirappalli, 19th September, 2006.
 16. Jeyachandran, R., Balu. P. and **Anand, S. P.** (2006). *Lawsonia inermis* L. – A potential antifertility herbal remedy. Proceedings of National level Seminar on “Thrust areas in Biotechnology”, organized by Department of Biotechnology, Bishop Heber College (Autonomous), Tiruchirappalli, 19th September, 2006.
 17. Jeyachandran, R., Jayakumar, E. and **Anand, S. P.** (2006). Regeneration of plantlets in *Passiflora foetida* through internodal explant. Proceedings of Regional level students Seminar on “Biotechnology past, present and future – Clones Fest ’06” organized by Department of Microbiology, Madura College, Madurai, 3rd & 4th March, 2006.
 18. **Anand, S. P.** and Jeyachandran, R. (2006). Enumeration of Ethno medicinal plants in Bodamalai hills of Tamil Nadu. Proceedings of National Seminar on “Recent trends in Biosciences” organized by Departments of Microbiology,

- Biochemistry, Botany & Zoology, Vivekanandha College of Arts and Science for Women, Tiruchengode, 23rd & 24th February, 2006.
19. Jayakumar, E., Jeyachandran, R. and **Anand, S. P.** (2006). *In vitro* micropropagation of *Passiflora foetida* through nodal explant. Proceedings of DST Sponsored National Seminar on “Frontier areas in Biological research” organized by Department of Biotechnology, Bishop Heber College, Tiruchirappalli, 20th & 21st February, 2006.
 20. Periyannayagam, K., Jeyachandran, R. and **Anand, S. P.** (2006). Multiple shoot induction through shoot tip explants of *Melothria maderaspatana* L. Proceedings of DST Sponsored National Seminar on “Frontier areas in Biological research” organized by Department of Biotechnology, Bishop Heber College, Tiruchirappalli, 20th & 21st February, 2006.
 21. Nagomie, P., **Anand, S. P.** and Jeyachandran, R. (2006). *In vitro* studies on *Clitoria ternatia* L. – an important medicinal plant. Proceedings of DST Sponsored National Seminar on “Frontier areas in Biological research” organized by Department of Biotechnology, Bishop Heber College, Tiruchirappalli, 20th & 21st February, 2006.
 22. Jeyachandran, R., **Anand, S. P.** and Tagore, A. J. K. (2006). Micropropagation of *Premna integrifolia* L. through shoot tip explant. Proceedings of 3rd National Symposium on “Modern Biological Sciences (SyMBioS-'06)” organized by School of Biosciences & Research, SNMV College of Arts and Science, Coimbatore, 15th & 16th February, 2006.
 23. Jeyachandran, R., **Anand, S. P.** and Thangavel, P. (2006). Indirect plantlet regeneration from the nodal explants of *Enicostemma littorale* Blum. Proceedings of DBT sponsored National Symposium on “Frontier areas in Plant Biotechnology” organized by Department Botany & Post graduate Department of Microbiology, Lady Doak College, Madurai, 20th & 21st January, 2006.
 24. Jeyachandran, R., Thangavel and **Anand, S. P.** (2005). *In vitro* plant regeneration in *Enicostemma littorale* Blum. Via organogenesis. Proceedings of National Seminar on “Bioprospecting of Bioresources” organized by Post graduate Department of Plant Biology & Plant Biotechnology, St. Xavier's College, Palayamkottai, 8th – 10th December, 2005.
 25. Jeyachandran, R., **Anand, S. P.** and John Peter Paul, J. (2005). Phytochemistry of *Citrullus colocynthis* (L.) Schrad. Proceedings of National level Seminar on “Chemistry in health and nutrition” organized by Departments of Chemistry & Biochemistry, Theivanai Ammal College for Women, Villupuram, 3rd October, 2005.

26. Jeyachandran, R., **Anand, S. P.** and Pazhanichamy, K. (2005). Phytochemical characterization of *Plumbago zeylanica* L. Proceedings of National level Seminar on "Chemistry in health and nutrition" organized by Departments of Chemistry & Biochemistry, Theivanai Ammal College for Women, Villupuram, 3rd October, 2005.
27. Jeyachandran, R., Muthuselvam, D. and **Anand, S. P.** (2005). Phytochemical and clinical importance of *Cissampelos perira* L. on Proceedings of National level Seminar on "Chemistry in health and nutrition" organized by Departments of Chemistry & Biochemistry, Theivanai Ammal College for Women, Villupuram, 3rd October, 2005.
28. Jeyachandran, R., Jeyakumar, E. and **Anand, S. P.** (2005). Nutraceutical value of *Passiflora foieida* L. Proceedings of National level Seminar on "Chemistry in health and nutrition" organized by Departments of Chemistry & Biochemistry, Theivanai Ammal College for Women, Villupuram, 3rd October, 2005.
29. Jeyachandran, R., Nirmala Rani S. and **Anand, S. P.** (2005). Isolation of a novel bioactive principle from *Aerva lanata* (L.) Juss. Proceedings of National level Seminar on "Pinnacles in Biochemistry". Organized by Department of Biochemistry, Auxillium College Vellore, 21st October, 2005.
30. Jeyachandran R, Muthuselvam D and **Anand, S. P.** (2005). *Sphaeranthus indicus* L. an effective hepatoprotective phytopharmaceutical. Proceedings of UGC Sponsored National Seminar on "Environmental impact assessment and management" organized by Research Department of Zoology, Erode Arts College, Erode, 7th & 8th October, 2005.
31. Jeyachandran, R., Jeyakumar E and **Anand, S. P.** (2005). *Bacopa monniera* (L.) Wettst- a central nervous system antidepressant. Proceedings of UGC Sponsored National Conference on "Medicinal plant Chemistry", organized by Department of Chemistry, NGM College, Pollachi, 23rd & 24th September, 2005.
32. Jeyachandran, R., Periyannayagam K and **Anand, S. P.** (2005). The role of *Melothria maderaspatana* L. Proceedings of UGC Sponsored National Conference on "Medicinal plant Chemistry", organized by Department of Chemistry, NGM College, Pollachi, 23rd & 24th September, 2005.
33. Jeyachandran, R., Muthuselvam, D. and **Anand, S. P.** (2005). A study on antidiarrhoeal nature of *Cissampelos pareira* L. Proceedings of UGC Sponsored National Conference on "Medicinal plant Chemistry", organized by Department of Chemistry, NGM College, Pollachi, 23rd & 24th September, 2005.
34. Jeyachandran, R., **Anand, S. P.** and John Peter Paul, J. (2005). *Citrullus colocynthis* (L.) Schrad a potential anticancer plant medicine. Proceedings of UGC

Sponsored National Conference on “Medicinal plant Chemistry” organized by Department of Chemistry, NGM College, Pollachi, 23rd & 24th September, 2005.

35. **Anand, S. P.**, Nagomie P and Jeyachandran R (2005). Isolation and characterization of ophthalmic laxative from *Clitoria ternatia* L. Proceedings of UGC Sponsored National Conference on “Medicinal plant Chemistry” organized by Department of Chemistry, NGM College, Pollachi, 23rd & 24th September, 2005.
36. Jeyachandran, R., **Anand S. P.** and Tagore A J K (2005). Micropropagation of *Premna integrifolia* L. through nodal explant. Proceedings of National level Seminar on “Challenges of human life in the new century, Role of Biotechnologists”. Organized by Department of Biotechnology, Sri Kalishwari College, Sivakasi, 16th & 17th September, 2005.
37. Jeyachandran, R., **Anand, S. P.** and Nirmala Rani S. (2005). *Aerva lanata* (L.) Juss – one of the best known remedies for Bladder and Kidney stones. Proceedings of state level seminar on “Scope and Status of Phytochemistry and Bioremediation” Organized by Department of Botany, K.N.G.A. College for Women, Thanjavur, 10th & 11th August, 2005.
38. Jeyachandran R., Jeyakumar E and **Anand, S. P.** (2005). Micropropagation of *Passiflora foetida* L. through the shoot tip explant. Proceedings of state level seminar on “Scope and Status of Phytochemistry and Bioremediation” Organized by Department of Botany, K.N.G.A. College for Women, Thanjavur, 10th & 11th August, 2005.
39. Jeyachandran, R., A. Kumar and **Anand, S. P.** (2005). In direct regeneration of *Cayratia pedata* through nodal and internodal explants. Proceedings of the UGC & CSIR Sponsored National Symposium on “Microbial and plant Biotechnology” Organized by Department Plant Biology and Biotechnology, Loyola College, Chennai, Tamilnadu, 17th -19th February, 2005.
40. Jeyachandran, R., A. Kumar., and **Anand, S. P.** (2005). Micro propagation of *Cayratia pedata* Juss –An endangered medicinal climber. Proceedings of the National Seminar on “Advances in Biology” Organized by Department of Botany, Biochemistry and Biotechnology, St. Joseph’s College, Tiruchirappalli, 19th & 20th January 2005.
41. Jeyachandran, R., **Anand, S. P.** and A. Kumar (2004). *In vitro* regeneration through leaflet and petiole of *Cayratia pedata* Juss – A medicinal climber. Proceedings of UGC Sponsored Regional Seminar on “Promises and perils of Biotechnology” Organized by Department of advanced Zoology and Biotechnology, Women’s Christian College, Chennai. 8th – 10th December, 2004.

42. Jeyachandran, R., **Anand, S. P.** and Geetha, S. (2004). *In vitro* antimicrobial activity of ethyl acetate, ethanol and chloroform extract of *Ocimum tenuiflorum* (L.), Proceedings of National Conference on “Futuristic Bioscience and Research” organized by the Department of Biotechnology, Holy Cross College, Tiruchirappalli, 18th – 20th November, 2004.
43. Jeyachandran, R., S. Geetha, and **Anand, S. P.** (2004). High frequency nodal bud regeneration and ex vitro rooting of *Ocimum tenuiflorum* (L.). Proceedings of the UGC sponsored National symposium on “Rural and Ethno medicinal plant remedies conservation and utilization (Ayush Remedies – 2004)” organized by PG and Research Department of Botany, Kongunadu Arts and Science College, Coimbatore, 23rd -25th September, 2004.
44. Jeyachandran R, P. Selvakumar and **Anand, S. P.** (2004). Micropropagation of *Andrographis paniculata* (Burm. F) via nodal explants. Proceedings of the UGC sponsored National symposium on “Rural and Ethno medicinal plant remedies conservation and utilization (Ayush Remedies – 2004)” organized by PG and Research Department of Botany, Kongunadu Arts and Science College, Coimbatore, 23rd -25th September, 2004.
45. Jeyachandran, R., **Anand, S. P.** and Selvakumar, P. (2004). Comparative antibacterial studies against leaf extract of *Andrographis paniculata* (Burm. F.), Proceedings of National symposium on “Advancement in Biosciences” organized by the Department of Microbiology, Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur, 16th & 17th September, 2004.
46. Jeyachandran, R., V. Muthumani and **Anand, S. P.** (2004). *Ganoderma lucidum* (MTCC 1039) - a potent Biodegradative agent in modern agriculture. Proceedings of the National Seminar on “Bioremediation and Biodegradation”, organized by the Departments of Biochemistry and Biotechnology, Sourashtra College, Madurai, 16th & 17th September 2004.
47. Jeyachandran, R., **Anand, S. P.** and Selvakumar, P. (2004). Antibacterial activity of ethanolic extract of *Andrographis paniculata* (Burm. F.). Proceedings of the UGC sponsored National Seminar on Recent and “Emerging trends in Microbial Biotechnology” organized by the PG Departments of Zoology and Aquaculture, St. Albert’s College, Ernakulam, Kochi, 28th & 29th October, 2004.
48. Jeyachandran, R. and **Anand, S. P.** (2004). High frequency *in vitro* shoots multiplication of *Toddalia asiatica* (L.) Lam, a rare medicinal plant. Proceedings of the II National conference of Biotechnology Society of India (Bio Tech 2004), Challenges and Opportunities, organized by Institute of Genomics and Integrative Biology, New Delhi, 13th-15th October, 2004.

49. Jeyachandran, R., **Anand, S. P.** and V. Muthumani (2004). Laccase mediated biodegradation of pesticides, Proceedings of the UGC sponsored National symposium on "Recent trends in Environment and Biotechnology", organized by the Department of Biochemistry and Zoology, Govt. College (Autonomous) Kumbakonam, Tamil Nadu, 26th-28th July, 2004.
50. Jeyachandran, R., V. Muthumani and **Anand, S. P.** (2004). Optimization of Laccase production for Biocontrol of pesticides in *Ganoderma lucidum*. Proceedings of the AICTE sponsored symposium on "Environmental awareness and pollution control" organized by KSR College of Arts and Science, Tiruchengodu, 30th June, 2004.
51. **Anand, S. P.** and Jeyachandran, R. (2004). *In vitro* regeneration from leaf explant of *Anisochilus carnosus* (Wall) – an important medicinal plant. Proceedings of the National seminar on "Recent trends in Plant Biotechnology" organized by the Department of Plant Science, Bharathidasan University, Tiruchirappalli, 22nd & 23rd March, 2004.
52. Jeyachandran, R. and **Anand, S. P.** (2004). Seed dressing effect of Biofertilizers on growth and nutrient uptake in Mungbean. Proceedings of the National conference on "Biotechnology – Present perspectives and future challenges" organized by the research Departments of Animal Science and Biotechnology, Erode Arts College (Autonomous), Erode, 19th March, 2004.
53. Jeyachandran, R. and **Anand, S. P.** (2004). Antibacterial activity against leaf extracts of *Phyllanthus nodiflora* (L.) E. Greene – an important medicinal plant. Proceedings of the National conference on "Recent trends in Microbial Biotechnology" conducted by School of Chemical and Biotechnology Shanmuga Arts Science Technology and Research Academy, (SASTRA) (Deemed University), Tanjore, 11th & 12th March, 2004.
54. Jeyachandran, R. and **Anand, S. P.** (2004). Role of the monocotophos in the management and control of Eryophyte in coconut. Proceedings of the National seminar on "Rural Biotechnology for sustainable Development" conducted by the Department of Biology, The Gandhigram Rural Institute –Deemed University, Gandhigram, 19th & 20th February, 2004.
55. Jeyachandran, R. and **Anand, S. P.** (2004). Chromium toxicity on maize and mung bean. Proceedings of the National Seminar on "Emerging Trends in Science and Technology (ETSAT-2004)" conducted by Physics and Chemistry Division, Karunya Institute of Technology, Karunya Nagar, Coimbatore, 30th & 31st January, 2004.
56. Jeyachandran, R. and **Anand, S. P.** (2004). Micropropagation of *Hygrophila salicifolia* R.Br.- An important medicinal plant. Proceedings of the National

conference on “The frontiers of research and development in medicinal plants” organized by P.G. Department of Botany St. Xavier’s college, Palayamkottai, 28th – 30th January, 2004.

57. Jeyachandran, R., Cindrella, L. and **Anand S. P.** (2003). Significance of *Azospirillum* and *Bacillus megathirium* growth performance and biochemical attributes of maize. Proceedings of State level seminar on “Prospects in Biotechnology” organized by the Departments of Microbiology and Biochemistry, Sri Akilandeswari Women’s College, Vandavasi, 13th December, 2003.
58. Jeyachandran, R., John Britto, S., Mahesh, A. and **Anand, S. P.** (2003). *Phyla nodiflora* (L.) E. Greene – a potential source of Salicylic acid and an effective anti-typhoid agent. Proceedings of National Seminar on “Superficial Mycoses” organized by Department of Botany Kandaswami Kandar’s College, Velur, 12th & 13th September, 2003.
59. Jeyachandran, R., John Britto, S., Mahesh, A. and **Anand, S. P.** (2003). Micropropagation of *Phyla nodiflora* (L.) E. Greene. Proceedings of “Bioresources and their management” organized by PG and Research Department of Botany Kongunadu Arts and Science College, Coimbatore, 5th & 6th September, 2003.
60. Jeyachandran, R., Prema, K. and **Anand, S. P.** (2003). A technique for rapid micropropagation of *Premna latifolia* Roxb. Proceedings of the National Seminar on “Medicinal Plants and Healthcare” organized by Department of Botany, PSGR Krishnammal College for Women, Coimbatore, 27th & 28th August, 2003.
61. Jeyachandran, R., Rajniganth, S. and **Anand, S. P.** (2003). Micropropagation of *Anisochilus carnosus* (Wall.) through nodal culture. Proceedings of the National Seminar on “Medicinal Plants and Healthcare” organized by Department of Botany, PSGR Krishnammal College for Women, Coimbatore, 27th & 28th August, 2003.
62. Jeyachandran, R. and **Anand, S. P.** (2003). Studies on the responses of Cluster bean (*Pusa navbahar*) to VAM+. Proceedings of the “National Conference on Frontiers in Biotechnology”, Organized by the Department of Biotechnology, Gene Technology and Microbiology, J.J. College of Arts and Science, Pudukkottai, 21st -23rd July, 2003.
63. Jeyachandran, R. and **Anand, S. P.** (2003). Studies on the response of Chilli (*Capsicum annum*) to the inoculation of VAM and *Azotobacter*. Proceedings of the “National Conference on frontiers in Biotechnology”, Organized by the Departments of Biotechnology, Gene Technology and Microbiology, J.J. College of Arts and Science, Pudukkottai, 21st -23rd July, 2003.
64. Jeyachandran, R., and **Anand, S. P.** (2003). *In vitro* bacterial screening of *Tinospora cordifolia* (Willd.) Hook. F & Thomson, A Folklore medicinal plant used by tribals in Eastern Ghats of Tamil Nadu. Proceedings of “International

Conference on Sustainable Development and Management of Natural Resources” organized by Department of Botany, Holy Cross College, Tiruchirappalli, 15th -17th March, 2003.

25. Participation in Seminars / Symposia / Workshops (25)

1. Participated in the National workshop on “Right to Education” with special reference to Education of Persons with disabilities organized by Centre for Differently Abled persons (CDAP), Bharathidasan University, Tiruchirappalli and National Institute for the Visually Handicapped (NIVH), Chennai on 10th March, 2015.
2. Participated one day Academic Conference on “Crises in Higher Education - An Indian perspective” Aided College Teachers Association, Tamil Nadu at Jamal Mohamed College, Tiruchirappalli on 6th April 2013.
3. Participated one day training program on “Educational assistance to differently abled students of Higher Education” Jointly organized by Department of Differently Abled Welfare and Department of Rehabilitation Science, Holy Cross College, Tiruchirappalli on 6th March 2013.
4. Participated one day InternNational symposium on “Partnership in Higher Education: Opportunities and Challenges” organized by Bishop Heber College (Autonomous), Tiruchirappalli on 28th February 2013.
5. Participated one day National Seminar cum panel discussion on “Differently Abled: Challenge and opportunities in Higher Education” Jointly organized by Bharathidasan University and Jamal Mohamed College, Tiruchirappalli on 6th March 2012.
6. Participated one day National Level Workshop on “Right to Education for the Differently Abled Persons in Higher Education” organized by centre for Differently Abled Persons, Bharthidasan University Tiruchirappalli & National Institute for Visually Handicapped Chennai on 10th October 2011.
7. Participated one day training programme on “Kitchen Garden” conducted by Tamil Nadu Agricultural University, Urban Horticulture Development Centre, Chennai, 25th January 2011.
8. Attended one day workshop on “Environmental protection” Organised by Public Works Department, Environmental Division, Govt. of Tamilnadu and National College, Tiruchirappalli, 24th September 2010.
9. Participated National conference on “Modern trends in plant *in vitro* biology” Organised by Department of Plant Science, Bharathidasan University, Tiruchirappalli, 5th & 6th January, 2009.

10. Attended Three days Environmental Awareness Training Programme conducted at Anglade Institute of Natural History, Shembaganur, Kodaikanal on 27th to 29th September, 2007.
11. Participated UGC & CSIR Sponsored National Seminar on “Past, Present and future scenario in Medicinal plants and phytochemistry” Organised by Department of Plant Science, Bharathidasan University, Tiruchirappalli, 22nd & 23rd March, 2007.
12. Attended Regional Conference on “Fern Diversity of India” organised by Centre for Biodiversity and Biotechnology, St. Xavier’s College and Department of Plant Biology and Plant Biotechnology, St. Joseph’s College, Tiruchirappalli, 24th February 2007.
13. Attended “Staff Orientation Programme” organized by St. Joseph’s College, Tiruchirappalli, June 14th & 15th, 2006.
14. Participated UGC sponsored National level Seminar on “Advances in Plant Sciences” Organised by Department of Plant Science, Bharathidasan University, Tiruchirappalli, 24th & 25th February, 2006.
15. Participated UGC sponsored National level Conference on “Environment and Sustainable Development” Organised by Department of Environmental Management, Bharathidasan University, Tiruchirappalli, 16th & 17th Feb, 2006.
16. Attended DST & TN SCST Sponsored State level Workshop on “Patent awareness” organized by Department of Biotechnology, St. Joseph’s College, Tiruchirappalli, April 7th 2006.
17. Participated National level Seminar on “Bioconsortia – Recent trends in Biological sciences (*Cognition Burgeon* ’06)” Organised by Department of Life Sciences Vysya College, Salem, January 7th & 8th 2006.
18. Participated NACC sponsored National seminar on “Digitalized Information Exchange for Quality Sustenance and Enhancement among Accredited Institutions” organized by St. Joseph’s College (Autonomous), Tiruchirappalli, March 3rd & 4th 2005.
19. Attended State level Workshop on “Mushroom culture and Vermitechnology” organized by Department of Botany, St. Joseph’s College, Tiruchirappalli, December 20th 2004.
20. Attended State level Workshop on “Techniques in Tissue Culture and Histochemistry” organized by Department of Botany, St. Joseph’s College, Tiruchirappalli, September 16th & 17th 2004.
21. Participated in the Workshop on “Techniques in experimental and clinical immunology” organized by Department of Biochemistry, St. Joseph’s College, Tiruchirappalli, February 25th & 26th 2004.

22. Attended Workshop on “Fluorescence Technology” organized by Department of Botany, St. Joseph’s College, Tiruchirappalli, February 16th 2004.
23. Participated in the State Level Seminar on “Blooming Bioinformatics” conducted by Department of Plant Biology and Plant Biotechnology, Nirmala College for Women, Coimbatore, September 24th 2003.
24. Attended Workshop on “Advanced Biochemical Techniques and Tissue Culture” Departments of Botany, Biochemistry and Biotechnology, St. Joseph’s College, Tiruchirappalli, August 26th & 27th 2003.
25. Participated in the National Symposium on “Medicinal Plants – Diversity utilization and conservation” organized by Department of Botany, St. Joseph’s College (Autonomous), Tiruchirappalli, February 5th-6th 2001.

26. Ph.D. Scholars Guided

Completed - 6

S. No.	Students’ Name& Ref. No.	Title of the Thesis	Status
1.	A. Doss (5543/Ph.D.1/Botany / Full Time / April 2011)	Phytopharmacological and antidiabetic activity of <i>Asteracantha longifolia</i> (Linn.) Nees. and <i>Pergularia daemia</i> (Forsskal) Chiov.	Completed on 19.12.2014 with Highly Commended
2.	M. Keerthiga (7819/Ph.D.1/Biotechnology/ Full Time / April 2012)	Antimicrobial, Phytochemical, Nanoparticles Synthesis and Pharmacological Investigation on <i>Geodorum densiflorum</i> (Lam.) Schltr. – A Medicinal Orchid.	Completed on 04.04.2016 with Commended
3.	G. Velmurugan (884/Ph.D.K1/Botany/F.T / April 2013)	Phytopharmacological and Tissue culture investigation on <i>Phyllodium pulchellum</i> (L.) Desv. - an important medicinal plant	Completed on 15.02.2018 with Commended
4.	S.Tamil Selvi (07194/Ph.D.K1/Botany/ Part Time/April2015)	Phytochemical and pharmacological analysis of <i>Gardenia latifolia</i> Ait.- An important medicinal plant	Completed on 03.10.2019 with Highly Commended
5.	K. Adhan (17542/Ph.D.K1/Botany/Full Time/July 2015)	Ethnomedicinal and conservation studies on Sadhuragiri hills - Southern Western Ghats, Tamil Nadu, India	Completed on 12.09.2019 with Commended
6.	S. Deborah (6768 /Ph.D.K7 / Biotech./ Full Time /April2015)	Phytochemical and phytopharmacological studies on <i>Phoenix loureiroi</i> Kunth - an important wild edible fruit-	Completed on 24.02.2020 with Commended

Ongoing - 4

S. No.	Students' Name & Ref. No.	Area of research	Status
1.	G. Mohan (5585/Ph.D.1/Botany/ Part Time / April 2011)	Medicinal Plants	On going
2.	U. Abirami (883/Ph.D.K1/Botany/ Part Time / April 2013)	Medicinal Plants	On going
3.	S. Sivagamsundari (3293/Ph.D.K1/Botany/Part Time/October 2015/date 16.09.2015)	Medicinal Plants	On going
4.	R. Nagalakshmi (Reg.No: BDU2010432778467. Mar.2020),	Medicinal Plants	On going

27. M.Phil. Project Guided

S. No.	Title of the Thesis	Students' Name & Reg.No.	Completed on
1.	Phytochemical investigations and Antimicrobial efficacy of <i>Blepharis maderaspatensis</i> (L.) B. Heyne ex. Roth.	Kavitha BORS 19206	August 2021
2.	Enumeration of medicinal plants from Kathri hills, Erode district and preliminary phytochemical studies on <i>Anisomeles malbarica</i> (L.) R.Br.	R. Jeeva BORS 18207	November 2020
3.	Tissue Culture, Microbial and Preliminary Phytochemical Studies on <i>Heliotropium parviflorum</i> L.	S. SIVA BORS 17204	August 2019
4.	Antioxidant and phytochemical studies on <i>Diospyros ferrea</i> .	K. REKA BORS 16204	May 2018
5.	<i>In vitro</i> propagation of <i>Aerva lanata</i> (L.) - an important medicinal plant.	R.Thirumalai Selvan BORS 15214	May 2017
6.	Antimicrobial and Tissue Culture Studies on <i>Clitoria arborea</i> L.	K. Shanmugam BORS 15209	May 2017
7.	Phytochemical and antimicrobial activity of <i>Tribulus terrestris</i> (L.) - An important medicinal plant.	Elangovan G (BORS 14002)	May 2016
8.	Establishment of probiotic relationship between the mulberry leaves (<i>Morus alba</i>) and the silkworm (<i>Boxbyx mori</i> L.)	Pramila K (BORS 14203)	May 2016
9.	<i>In-vitro</i> Callus induction and Antimicrobial Studies on <i>Mukia maderaspatana</i> L.	Sekar (BORS 13206)	August 2015

10.	Enumeration of ethnobotanical plants from Kolli hill foot regions of Namakkal district	Velmurugan G (BOR1004)	December 2011
11.	Medicinal plants survey from thekkamalai of Tiruchirappalli district and tissue culture studies on <i>Ctenolepis garcinii</i> (Burm.F.) C.B. Clarke	Ganesamoorthi P (BORA12002)	October 2013

28. M.Sc. Project Guided

S. No.	Title of the Thesis	Students' Name & Reg.No.	Completed on
1.		Justin	
2.	Evaluation on Antibacterial Studies on <i>Capparis divaricata</i> Lam. against Clinical Pathogens	S. KAVIN (BOPA 18006)	JULY 2020
3.		SRIRAM (BOPA 17005)	April 2019
4.		Jeyanthi (BOPA 17005)	April 2019
5.		SHANMUGAPRIYA (BOPA 16005)	April 2018
6.	Phytochemical and antibacterial studies on <i>Catunaregam spinosa</i> (thunb.)Tirveng.	Ganappoo M (BOPA 15005)	April 2017
7.	Phytochemical analysis, antimicrobial activity and antioxidant activity of <i>Canthium coromandelicum</i> (Burm.f.) Alston.	Saratha S (BOPA 14002)	April 2016
8.	Survay of medicinal plants from Vadachennimalai, salem district of Tamil Nadu.	Revathi D (BOPA 13005)	April 2015
9.	Phytochemical screening and Antibacterial activity of <i>Hibiscus vitifolius</i> Lam.	Devi V (BOPA 13009)	April 2015
10.	Screening of phytochemicals and antioxidant activity on <i>Aerva javanica</i> (Burm.f.) Juss. Ex. Schult.	Mohanapriya P (BOPA 12002)	April 2014
11.	Evaluation of Antimicrobial activity of <i>Aerva javanica</i> (Burm.F.)juss.Ex.Schult. plant extract against human pathogens	Padmapriya S (BOP1105)	April 2013

12.	Antimicrobial activity of <i>Argemone mexicana</i> Linn. Plant extracts against some pathogenic strains	Suganya E (BOP1114)	April 2013
13.	Enumeration of Medicinal plants from Perumal Malai in Tiruchirappalli District of Tamil Nadu	Elavarasi D (BOP1002)	April 2012
14.	Enumeration of Medicinal plants from Veeramalai in Tiruchirappalli District of Tamil Nadu	Ganesha moorthy P (BOP1008)	April 2012
15.	Enumeration of some potential Medicinal plants of Thiruengoimalai in Tiruchirappalli District of Tamil Nadu	Chandran (PO9150012)	April 2011
16.	Medicinal plants survey of Thimmampatti in Sidheswaran hill at Salem district of Tamil Nadu	Karunakaran N (PO8150008)	April 2010
17.	Enumeration of some potential Medicinal plants of Palamalai in Salem District of Tamil Nadu	Posarasan K (PO8150012)	April 2010
18.	Some important medicinal plants of the Chithanavasal of Pudukottai District in TN	Chinnadurai S (PO7150002)	April 2009
19.	Medicinal Plant Diversity of Pasumalipatti of Pudukottai District in Tamil Nadu	Velmurugan G (PO7150012)	April 2009
20.	Enumeration of Ethnobotanical Plants from Kolli hill foot regions of Namakkal District.	Selvakumar A (05PBO126)	April 2007
21.	Tissue Culture and microbial studies on <i>Heliotropium indicum</i> L.	Joe Felix D (05PBO104)	April 2007

29. Extracurricular Activities

- Attended the 10 days NSS Special Camping Programmed held at Vallampadugai village, Cuddalore District from 6th -15th March 1999.
- Participated symposium on HIV/AIDS/STDs and Healthy life style. Conducted by Government of India, Ministry of Human Resource Development, Department of Youth Affairs and Sports, NSS Regional Center, Chennai held at Annamalai University, Chidambaram, February 28th & March 1st, 1998.
- Member in Annamalai University, Photographic Association (Federation of Indian Photography), during the year 1997-98.
- Completed 240 hours excellent work as NSS Volunteer during the year 1997-1999 through Annamalai University, National Service Scheme.

- Certificate for Appreciation for being placed first for participation in Basket Ball - Leo Club, Jamal Mohamed College, Tiruchirappalli, March 20th 1995.
- Certificate for Appreciation for participation in Volley Ball and being placed Winner - Rotract Club at Jamal Mohamed College, Tiruchirappalli, September 17th 1993.
- Passed the examination on 'My Experiments with Truth' held on 24th January 1990, conducted by Gandhi Peace Centre, T. Nagar, Chennai through Nirmala Higher Secondary School, Kolathur.
- Awarded the TNBCLC Diploma by Tamil Nadu Biblical Catechetical and Liturgical Centre, Tindivanam during the year 1989-90 through Nirmala Higher Secondary School, Kolathur.