

NAME Dr.K.Vijayakumari

DESIGNATION Assistant Professor & Head



i) Academic Qualifications

Exam passed	Board / University	Subjects	Year	Division/ Grade/
Bachelor's degree(s)	Bharathiar University, Coimbatore.	Botany	1986	I
Master's degree(s)	Bharathiar University, Coimbatore.	Botany	1988	Uni. IIIrd Rank
M.Phil.,	Bharathiar University, Coimbatore.	Botany	1990	I
Ph.D.,	Bharathiar University, Coimbatore.	Botany	1994	Highly Commended.

ii) Research Experience & Training

Research stage	Title of work / Thesis	University where the work was Carried out
M.Phil.	Studies on the tribal pulse, <i>Bauhinia malabarica</i> Roxb	Bharathiar University Coimbatore
Ph.D.	Studies on the antinutritional factors in tribal pulses.	Bharathiar University Coimbatore

iii) Professional Excellency summary (after entry to Govt. College)

Courses Taught	Name of the College/ Institution	Duration
i)UG	N.K.R Govt. Arts College for Women, Namakkal.	26.12.2007 to 12.08.2013
	Government Arts College for Women,Salem-08	13.08.2013 to till date
ii)PG		

iv) Publication of research articles/ abstracts in Journals/ conference proceedings

LIST OF PUBLICATIONS

Total number of Research papers published (National and International Journals)	:	47 (Separate list enclosed) (Annexure I)
Participated in several International and National Conference / Symposia etc and presented Research Papers	:	32 (Separate list enclosed) (Annexure II)
Number of Workshop/Seminars/ Conferences Attended/ Participated	:	12 (Separate list enclosed) (Annexure III)

LIST OF PUBLICATIONS

(Annexure I)

PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL JOURNALS.

1. **VIJAYAKUMARI, K.** and KUMUDHA, P. 1990. Effect of distillery effluent on seed germination and early seedling growth in some crop plants. *Geobios*. **17**: 206-211 (India).
2. SIDDHURAJU, P., **VIJAYAKUMARI, K.** and JANARDHANAN , K. 1992 a . The bio chemical composition and nutritional potential of the tribal pulse, *Alysicarpus rugosus* (Willd) DC. *Food Chemistry*. **45**: 251-255. (UK).
3. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1992 b. Nutritional and chemical evaluation of raw seeds of the tribal pulse, *Vigna trilobata* (L.) Verdc. *International Journal of Food Sciences and Nutrition*. **43** : 97-103 (UK).
4. **VIJAYAKUMARI , K.**, SIDDHURAJU , P. and JANARDHANAN , K .1993 a. Chemical composition and nutritional potential of the tribal pulse, *Bauhinia malabarica* Roxb. *Plants Foods for Human Nutrition* .**44** : 291-298 (The Netherlands).
5. **VIJAYAKUMARI , K.**, SIDDHURAJU , P. and JANARDHANAN , K .1993 b.
Nutritional and antinutritional properties of certain underexploited legume seeds. *International Journal of Food Sciences and Nutrition*. **44** : 181-189 (UK).
6. **VIJAYAKUMARI , K.**, KUMUDHA , P., SIDDHURAJU , P. and JANARDHANAN , K. 1993. Effect of soap factory effluent on seed germination and early seedling growth of certain millet and pulse crops. *Journal of Environmental Biology*. **14** : 275-281 (India)
7. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1993. Genetic resources of tribal pulses. *FAO /IPGRI Plant Genetic Resources Newsletter*. **96** : 47-49 (Italy)

8. **VIJAYAKUMARI, K.**, SIDDHURAJU, P. and JANARDHANAN, K.1994. Nutritional assessment and chemical composition of the lesser known tree legume, *Acacia leucophloea* (Roxb.) Willd. *Food Chemistry*. **50** : 285-288 (UK)
9. SIDDHURAJU, P., **VIJAYAKUMARI, K.** and JANARDHANAN , K. 1994. Chemical analysis and nutritional assessment of the less known pulses, *Vigna aconitifolia* (Jacq.) Marechal and *V. vexillata* (L.) A. Rich. *Plant Foods for Human Nutrition*. **45** : 103-111 (The Netherlands).
10. **VIJAYAKUMARI , K.**, SIDDHURAJU , P. and JANARDHANAN , K .1995. Effect of various water or hydrothermal treatments on certain antinutritional compounds in the seeds of the tribal pulse, *Dolichos lablab* var. *vulgaris* L. *Plant Foods for Human Nutrition* **48** : 17-29. (The Netherlands).
11. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1995 a. Nutrient and chemical evaluation of raw seeds of *Xylia xylocarpa* : an underutilized food source. *Food Chemistry*. **53** : 299-304 (UK).
12. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1995 b. Studies on the underexploited legumes, *Indigofera linifolia* and *Sesbania bispinosa*: nutrient composition and antinutritional factors. *International Journal of Food Sciences and Nutrition*. **46** : 195-203 (UK).
13. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1995 c. Nutritional and antinutritional properties of the underexploited legumes, *Cassia leavigata* Willd and *Tamarindus indica* L. *Journal of Food Composition and Analysis*. **8** : 351-362 (USA).
14. **VIJAYAKUMARI , K.**, SIDDHURAJU , P. and JANARDHANAN , K .1996 a. Effect of different post harvest treatments on antinutritional factors in the seeds of the tribal pulse, *Mucuna pruriens* (L.) DC. *International Journal of Food Sciences and Nutrition*. **47** : 263-273 (UK).
15. **VIJAYAKUMARI , K.**, SIDDHURAJU , P. and JANARDHANAN , K .1996 b. Effect of soaking , cooking and autoclaving on phytic acid and oligosaccharide contents of *Mucuna monosperma* DC. ex. Wight. *Food Chemistry*. **55** : 173-177 (UK).
16. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1996 a. Chemical composition and nutritional evaluation of an underexploited legume, *Acacia nilotica* (L.) Del. *Food Chemistry* **57** : 386-391 (UK).

17. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1996 b. Chemical composition and protein quality of the little known legume, velvet bean (*Mucuna pruriens* (L.) DC.) *Journal of Agriculture and Food Chemistry.* **44** : 2636-2641 (USA).
18. **VIJAYAKUMARI , K.**, SIDDHURAJU , P. and JANARDHANAN , K .1997 a. Effect of domestic processing on the levels of certain antinutrients in *Prosopis chilensis* (Molina) Stunz. seeds. *Food Chemistry.* **59** : 367-371 (UK).
19. **VIJAYAKUMARI , K.**, SIDDHURAJU, P. and JANARDHANAN , K. 1997 b. Chemical composition, amino acid content and protein quality of the little known legume *Bauhinia purpurea* L. *Journal of Science of Food and Agriculture.* **73** : 279-286 (UK).
20. SIDDHURAJU, P., **VIJAYAKUMARI , K.** and JANARDHANAN , K. 1997. Tryptophan contents of total (true) proteins fractions, albumins and globulins of tribal / little known /under - exploited Indian legumes. *Journal of Food Science and Technology.* **34** : 140-142 (India).
21. VADIVEL ,V., JANARDHANAN , K. and **VIJAYAKUMARI, K** . 1997. Diversity in agrobotanical, nutritional and antinutritional compounds in the germplasm of *Cassia occidentalis* L. collected from Tamil Nadu, India. *Acta Botanica Indica.* **25** : 55-60 (India).
22. **VIJAYAKUMARI , K.**, SIDDHURAJU, P., PUGALENTHI , M. and JANARDHANAN, K. 1998. Effect of soaking and heat processing on the levels of antinutrients and digestible proteins in seeds of *Vigna aconitifolia* and *Vigna sinensis*. *Food Chemistry .* **63** : 259-264 (UK).
23. VADIVEL ,V., JANARDHANAN , K. and **VIJAYAKUMARI, K** . 1998. Diversity in sword bean (*Canavalia gladiata* (Jacq.) DC.) collected from Tamil Nadu, India. *Genetic Resources and Crop Evolution.* **45** : 63-68 (The Netherlands)
24. **VIJAYAKUMARI, K.**, SMITHA , K. B. and JANARDHANAN , K. 2002. Biochemical characterization of the tribal pulse, *Mucuna utilis* Wall ex.Wight seeds. *Journal of Food Science and Technology.* **39** : 650-653 (India).
25. **VIJAYAKUMARI . K.**, PUGALENTHI , M. and VADIVEL,V. 2007. Effect of soaking and hydrothermal processing methods on the levels of antinutrients and *in vitro* protein digestibility of *Bauhinia purpurea* L. seeds . *Food Chemistry .* **103** : 968-975. (UK).
26. SURESH , C. SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2012 a. Phytochemical and GC –MS analysis of *Euphorbia hirta* Linn. leaf. *International Journal of Institutional Pharmacy & Life Sciences .***2** (3) : 135-139. (USA).

27. SENTHILKUMAR ,S. and **VIJAYAKUMARI, K** . 2012 a. HPTLC method validation of flavonoids in *Cassia auriculata* Linn.- a high value medicinal plant. *International Journal of Institutional Pharmacy and Life Sciences* . **2** (4) : 1-5. (USA).
28. UMAMENAKA , R ., SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2012 a. HPTLC method analysis of flavonoids in *Datura stramonium* Linn. leaf. *International Journal of Institutional Pharmacy and Life Sciences*. **2** (4) : 40 -44. (USA).
29. SURESH , C. SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2012 b. GC-MS analysis of *Tephrosia purpurea* Pers. leaf extract- Traditional valuable plant. *International Journal of Universal Pharmacy and Life Sciences*. **2** (4) : 86-91. (USA).
30. UMAMENAKA , R ., SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2012 b. GC – MS analysis of *Boerhaavia diffusa* Linn .leaf extract - Traditional valuable plant. *International Journal Deccan Pharma and Life Sciences*. **3** (2) : 21-26.(USA).
31. SENTHILKUMAR , S.. and **VIJAYAKUMARI, K** . 2012 b . GC – MS analysis of *Cassia auriculata* Linn. leaf extract – Traditional valuable plant. *International Journal Deccan Pharma and Life Sciences*. **3** (2) :104-109.(USA).
32. SENTHILKUMAR , S.. and **VIJAYAKUMARI, K** . 2012 c. Antioxidant activity and quantitative estimation of phenol, flavonoids and tannin in *Cardiospermum halicacabum* Linn. leaf. *International Journal of Universal Pharmacy and Life Sciences*. **2** (4) : 105-111 (USA).
33. SENTHILKUMAR , S., and **VIJAYAKUMARI, K** . 2012 d. Evaluation of antioxidant activity, quantitative estimation of phenol, flavonoids and tannin in *Cassia auriculata* Linn . leaf. *International Journal of Industrial Pharmacy and Bio Science* .**1** (2) : 1 -7 (USA).
34. SENTHILKUMAR , S. and **VIJAYAKUMARI, K** . 2012 e . Phytochemical and GC – MS analysis of *Cardiospermum halicacabum* Linn. leaf. *International Journal of Institutional Pharmacy and Life Sciences*. **2** (5) : 30 -35. (USA).
35. KIRUBARANI, C. and **VIJAYAKUMARI , K** . 2013 a. *In vitro* antioxidant potential of ethanolic extract of *Acalypha indica* Linn. *International Journal of Institutional Pharmacy and Life Sciences*. **3** (5) : 66 -70. (USA)
36. KIRUBARANI, C. and **VIJAYAKUMARI , K** . 2013 b. Evaluation of *in vitro* antioxidant and free radical scavenging activity of ethanolic extract of *Acalypha indica* Linn. *International Journal of Institutional Pharmacy and Life Sciences*. **3** (5) : 71-75 (USA).

37. SURESH , C. SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2013. HPTLC method analysis of flavonoids in *Euphorbia hirta* Linn.leaf. *International Journal of Universal Pharmacy and Bio Sciences*. **2** (6) : 21 -25 (USA).
38. SENTHILKUMAR , S. and **VIJAYAKUMARI, K** . 2013 a. Preliminary phytochemical screening of ethanolic leaf extract of *Cardiospermum halicacabum* Linn. A highly valuable medicinal plant. *International Journal of Universal Pharmacy and Bio Sciences*. **2** (6): 131-136. (USA).
39. SENTHILKUMAR , S. and **VIJAYAKUMARI, K** . 2013 b. Comparative studies on Phytochemical and GC – MS analysis of *Cassia auriculata* Linn & *Cardiospermum halicacabum* Linn. leaf extracts. – Traditional valuable plants. *International Journal of Pharmaceutical Research and Bio science*. **2** (6) : 95 – 104. (India).
40. SENTHILKUMAR , S. and **VIJAYAKUMARI, K** . 2013 c. Phytochemical screening of ethanolic leaf extract of *Cassia ariculata* Linn.a highly traditional valuble plants . *International Journal of Institutional Pharmacy and Life Sciences*. **3** (6) : 140-145.
41. SURESH , C. SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2014. HPTLC method validation of flavonoids in *Tephrosia purpurea* Pers leaf – A high value medicinal plant. *International Journal of Universal Pharmacy and Bio Sciences*. **3** (1) : 1-5. (USA)
42. UMAMENAKA , R ., SENTHILKUMAR , S. and **VIJAYAKUMARI , K** . 2014. High Performance Thin layer Chromatographic analysis of flavonoids from *Boerhaavia diffusa* Linn . leaf. *International Journal of Universal Pharmacy and Bio Sciences*. **3** (1) : 185 – 189. (USA).
43. KIRUBARANI, C., **VIJAYAKUMARI , K.** and GNANENDRA ,T.S. 2014. Evaluation of *Acalypha indica* phytochemicals as anti-diabetic compounds by molecular docking studies. *International Journal of Advances in Interdisciplinary Research*. **1** (6): 5 – 13 (India).
44. SENTHILKUMAR, S. and **VIJAYAKUMARI, K.** 2016 a. “A review – Pharmacology of Medicinal Plants”. . *International Journal of Universal Pharmacy and Bio Sciences*. **5** (1): 37-59.
45. SENTHILKUMAR, S. and **VIJAYAKUMARI, K.** 2016 b. Pharmacological review of important Medicinal Plants and uses. *International Journal of Universal Pharmacy and Bio Sciences*. **5** (2): 51-64.
46. SENTHILKUMAR, S. and **VIJAYAKUMARI, K.** 2016 Evaluation of Anti Ulcer effect of *Cassia auriculata* Linn. *International Journal of Universal Pharmacy and Bio Sciences* **5** (5), 1 – 7.

47. **VIJAYAKUMARI, K.**, and SENTHILKUMAR, S. 2017. Evaluation of Anti Ulcer property of *Cardiospermum helicacabum* Linn. Leaf extract. *International Journal of Recent Scientific Research* 6 (11), 21617 – 21620.

ANNEXURE - II

PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES / SEMINARS

1. SIDDHURAJU, P., **VIJAYAKUMARI, K.** and JANARDHANAN, K. 1994. Methods to overcome seed coat imposed dormancy in certain forest tree legume seeds. In: *Proceedings of the National Seminar on Biodiversity: Strategies for Conservation and Future Challenges* (Eds.) Udaiyan, K., Janardhanan, K., Manian, S. and Reddy, V.R.K., Department of Botany, Bharathiar University, Coimbatore on 16th and 17th October, 1993 pp. 21-24.
2. VADIVEL, V., **VIJAYAKUMARI, K.** and JANARDHANAN, K. 1994. Agrobotanical characters of different germplasm of *Canavalia gladiata*. *Ibid.* pp.39-45.
3. **VIJAYAKUMARI, K.**, SIDDHURAJU, P. and JANARDHANAN, K. 1995. Implications of antinutritional components in pulses of tribal utility. In: *Symposium on Frontiers in Biodiversity*, Pachaiyappa Plant Science Research Forum, P.G.& Research Department of Botany, Pachaiyappa's College, Madras, on 25th and 26th February 1995, pp.4.
4. SIDDHURAJU, P., JANARDHANAN, K. and **VIJAYAKUMARI, K.** 1995. Alleviations of protein-energy malnutrition by exploiting pulses of tribal utility. *Ibid.* pp.11.
5. JANARDHANAN, K., VADIVEL, V., SIDDHURAJU, P. and **VIJAYAKUMARI, K.** 1995. Collection and conservation of genetic resources of tribal pulses. *Ibid.* pp.28.
6. SIDDHURAJU, P., **VIJAYAKUMARI, K.** and JANARDHANAN, K. 1996. Chemical and nutritional studies on underutilized tribal legume, *Entada scandens* seed kernels. In: *International Conference on "Domestication, Production & utilization of New Crops: Practical approaches*, University of Southampton, Southampton UK 8th to 10th July, 1996. pp. 297 – 298.
7. KALAICHELVI, K., RAJESWARI, M., **VIJAYAKUMARI, K.** and MANIAN, S. 2000. Effect of paper mill factory effluent on the growth parameters of *Vigna mungo* (L). Hepper In: *National Conference on Ecofriendly Technologies for Sustainable*

Development, PG and Research Department of Botany, P.S.G. Arts & Science College, Coimbatore, 27th to 29th March 2000 pp.

8. RAJESWARI , M., KALAICHELVI , K., MANIAN, S. and **VIJAYAKUMARI , K.** 2000. Impact of paper board factory effluent on some biochemical parameters of black gram. *Ibid.* pp.
9. **VIJAYAKUMARI , K .** and MADHAVI , N .2002. Effect of seed pelleting on the forest tree species *Acacia leucopholea* Roxb. In: *National Seminar on Biotechnology in the New Millennium*, Department of Biotechnology, Vivekananda College of Arts and Science for Women, Tiruchengode on 15th & 16th February 2002, pp. 53.
10. PHEBA VARGHESE , **VIJAYAKUMARI , K.,** SURYA, M.S and RESHMI, C.V. 2004 a. Callus induction and its biochemical characterization in *Mucuna pruriens* (L.) DC In: *National Conference on "Recent Trends in Biological Scenario"*, PG and Research Department of Botany, Vellalar College for Women, Erode on 11th & 12th February 2004, pp.35 – 36.
11. RESHMI , C.V., **VIJAYAKUMARI , K .,** PHEBA VARGHESE and SURYA , M.S. 2004. Callus induction and organogenesis in *Vigna radiata* (L.) Wilczek. *Ibid .* pp.37.
12. SURYA, M.S., **VIJAYAKUMARI, K.,** RESHMI , C.V. and PHEBA VARGHESE. 2004. Studies on callus induction and effect of salinity stress in *Vigna unguiculata* (L.) Walp. *Ibid.* pp.37.
13. PHEBA VARGHESE ., **VIJAYAKUMARI , K .,** RESHMI , C . V. and SURYA , M . S. 2004 b. *In vitro* studies and stress induction in *Vigna aconitifolia* (Jacq.) Marechal. *Ibid .*pp. 89.
14. **VIJAYAKUMARI , K .,** ARULMATHI , and PADMAJA YALAVARTHI . 2004 Phytochemical screening and its antimicrobial activity of certain medicinal plants. *Ibid.* pp. 89.
15. ARULMATHI , S., **VIJAYAKUMARI , K .,** BENCY VARGHESE and NEETHU,N.S. 2004. Biochemical studies on the effect of pollution on common carp in different waters. *Ibid.* pp .93.
16. **VIJAYAKUMARI ,K .** and NEEMA JOB . 2004 a. Biodegradation of catechol by *Rhizobium leguminosarum*. In: *National Conference on "Current Trends in Biological Scenario"*, PG and Research Department of Botany, Vellalar College for Women, Erode on 11th & 12th August 2004. pp.50.
17. **VIJAYAKUMARI , K.** and HIMA BINDU, G. 2004 b. *In vitro* organogenesis and salinity stress in *Glycine max* (L.) Merrill. *Ibid.* pp.51.

18. **VIJAYAKUMARI , K .** 2006. Screening of medicinal plants for bioactive components and its antimicrobial activity. In: *A Two Day National Level Seminar on "Future Scenario of Biosciences"*, "Flora' People of Biology & biogeneic, Namakkal on 11th & 12th August 2006. pp. 73.
19. **VIJAYAKUMARI , K .** 2007. Effect of post harvest treatments on antinutrients of *Canavalia gladiata* In: *Proceedings of International Conference on Opportunities & Challenges in Biotechnology and Environmental Sciences* (Ed.) Chandra Thangavel, PG & Research Department of Botany, Vellalar College for Women, Erode on 22nd and 23rd February 2007. pp. 101-106.
20. **VIJAYAKUMARI , K .** 2007. Impact of Growth hormones on *in vitro* propagation of *Musa Cavendish* "Grande Naine In: *National Level Seminar on Current Technology Development in Biosciences*", Department of Biosciences, Vivekanadha College of Arts and Science for Women, Tiruchengode on 12th to 14th Septemeber, 2007 . pp.53.
21. KIRUBARANI , C. and **VIJAYAKUMARI , K .** 2007. Oxidative stress and antioxidants in diabetes. Ibid . pp.37.
22. KIRUBARANI , C and **VIJAYAKUMARI , K .** 2009. Medicinal plants in treatment of *Diabetes mellitus*, In: *National Level Seminar on "Impact of Research on Medicinal Plants"*, PG and Research Department of Botany, Arignar Anna Govt Arts College Namakkal on 12th September 2009, pp .10
23. KIRUBARANI , C and **VIJAYAKUMARI , K .** 2010. Study on the efficacy of antioxidant in treating diabetic complications. In: *National Level Seminar on "Challenges and Opportunities in Biological science"* Depts. of Microbiology & Biochemistry, Muthayammal College of Arts of Science, Rasipuram on 12th & 13th February, 2010 , pp.84.
24. **VIJAYAKUMARI , K .** 2011. Regeneration studies of *Bacopa monnieri* (L). Pennell using various carbon sources In: *National Level Seminar on "Conservation and Utilization of Rural and Ethnomedicinal Plants"*, Department of Botany , Gobi Arts & Science College. Gobichettipalayam on 28th & 29th January, 2011, pp.38.
25. **VIJAYAKUMARI , K .** 2012. Phytochemical compounds identification and its antibacterial activities in certain medicinal plants. In: *International Conference on "Blooming species : A prosperous Terrain for posterity*, P.G & Research Department of Botany, Vellalar College for Women, Erode on 15th & 16th February, 2012, pp.50.
26. SENTHILKUMAR, S. and **VIJAYAKUMARI , K .** 2012. Phytochemical screening and antimicrobial activities of leaves of two medicinal plants. Ibid .pp.52 – 53.
27. KIRUBARANI , C. and **VIJAYAKUMARI , K .** 2013 a. *In vitro* free radical scavenging

potential of *Acalypha indica* Linn. In: *National Conference on “ Food Processing and Technology for Health Progression”*, Department of Food Science and Nutrition, Periyar University, Salem on 9th and 10th January 2013, pp.3.

28. KIRUBARANI . C. and **VIJAYAKUMARI , K.** 2013 b. Analysis of *in vitro* antioxidant efficacy of *Acalypha indica* Linn. In: *International Conference on “ Phytochemicals in Health and Diseases: Challenges and Future Opportunities”*, Department of Biochemistry and Biotechnology & Faculty of Marine Sciences, Annamalai University, Annamalai nagar on 23rd to 25th January, 2013, pp. 74.
29. KIRUBARANI , C. and **VIJAYAKUMARI , K.** 2013 c. Antidiabetic, antihyperlipidemic and antioxidant potential of *Acalypha indica*. In: *National Conference on “Innovative Approaches in BioScience, Chemical and Physical Science for Sustainable Growth”* , Department of Biotechnology, Microbiology, Physics & Chemistry, Maharaja Co – Education Arts and Science College, Perundurai, Erode on 31st January and 1st February, 2013 pp.80.
30. **VIJAYAKUMARI , K.** 2014. Protein characterization studies on the three different species and germ plasm of the Genus, *Mucuna*. In: *Proceedings of the UGC sponsored National Conference on “Innovative Approaches in Biological Sciences Towards Sustainable Development”* (Ed.) Rajeswari , M. P.G. & Research Department of Botany, Vellalar College for Women (Autonomous) & AWE CARE Analytical and Research Laboratories, Erode on 23rd and 24th July 2014, pp.162 – 169.
31. SENTHILKUMAR, S. and **VIJAYAKUMARI , K.** 2015. Evaluation of Antiulcer effects of ethanolic leaf extract of *Cassia auriculata* Linn. National Seminar on “Challenges and Future Perspectives of Plant Sciences ” (NCP – 2015) on 7th and 8th October, 2015.pp.43.
32. SENTHILKUMAR, S. and **VIJAYAKUMARI, K.** 2015. Evaluation of Antiinflammatory activity of ethonolic leaf extract of *Cardiospermum helicacabum* Linn. International Symposium on Bio Science Research for present and future “BIOMILLENNIUM ’15 ” , Department of Biosciences, Vivekanandha College of Arts and Sciences for Women, Thiruchencode on 14th December.2015.pp.sp x.

ANNEXURE III

WORKSHOP / SEMINARS / CONFERENCES ATTENDED / PARTICIPATED

1. Seminar cum Workshop on “*Mushroom Cultivation Technology*” organized by Department of Botany, N.K.R. Govt. Arts College (W), Namakkal on 1st February, 2010.
2. National Seminar on “*E-learning* “ organized by Department of Computer Science, N.K.R. Govt. Arts College (W), Namakkal on 29th September, 2010.

3. Workshop on “Plant Biotechnology – *In vitro* principles Commercial Techniques and its Trendy Uses” Organized by PG & Research Department of Biotechnology, Selvam Arts and Science College, Namakkal On 26th & 27th September 2011.
4. UGC Sponsored one day Workshop on “Teaching – Learning and Evaluation” Organized by IQAC, N.K.R. Govt. Arts College (W), Namakkal on 9th February, 2012.
5. **VIJAYAKUMARI , K .2016. Resource person in the workshop** – Reg. – “Biosafety and Biosecurity measures in Laboratories”. PG and research department of Botany on 20th January, 2016 Under DBT – Star college scheme.
6. National level Workshop on “Taxonomical techniques” Organized by Department of Botany, Vivekanandha college of Arts and Sciences for Women, Tiruchencode on 8th and 9th January, 2016.
7. International seminar on Frontiers of “Phytochemomics and Coetanus Challenges in Medicinal Plants” Organized by PG & Research Department of Botany, Vellalar College for Women (Autonomous), Erode – 12. Founded by DBT – Star College Scheme On 28th January 2016.
8. A National Level Science Academies Lecture Workshop on “Floristic Diversity and its Conservation” on 15.01.17 to 07.01.17 Organized by Vivekanandha college of Arts and Sciences for Women, Tiruchencode.
9. A Training cum Worksop Organized by ICAR – TNAU – Krishi Vigyan Kendra, Sandhiyur, Salem on “Protection of Plant Varieties and Farmers Right Act 2001” on 30.03.2017.
10. International Conference on “Contemporary and Conventional Botany” Organized by PG & Research Department of Botany, Vivekanandha college of Arts and Sciences for Women, Tiruchencode on 27 & 28th February, 2018
11. International Workshop on “Tiny Seeds and Tremendous Research” Organized by Vellalar College for Women (Autonomous), Erode – 12 Funded by UGC on 27th December 2018
12. National level seminar on “Role of Women in Environmental Conservation for Sestainable Development” Sponsored by National Commission for Women, Plot – 21, Jasola Institutional Area, New Delhi – 110 025, Organized by School of Management Studies, Kongu Engineering College, (Autonomous), Perundhurai, Erode on 22nd March 2019

v)PG/M.Phil/Ph.D Guided

S.NO	Year	No of Candidates			University	Year of Registration
		PG	M.Phil	Ph.D		
1	2004 – till date	-	6	2	Bharathiar University, Bharathidasan University, Periyar University, Mother Therasa University	2004-2005 2006-2007 2007-2014 2011- 2016

vi) Research projects undertaken NIL

S.No	Year	Duration of the project	Title of the project	Funding agency	Fund Sanctioned	Completed/ongoing

vii) Participation in workshops/conference//seminar

S.No	Year	Number of Participations	Name of the Programme		
			Seminar	Conference	Workshop
1	-	31	12	8	11

viii)Participation as resource person/inspection commission member/ any other NIL

S.No	Year	Nature of participation resource person/inspection commission member/ any other	Institute/University/organization visited

ix)Participation in FDP NIL

S.No	Yr	Orientation programme	Refreshers course (title)	Training programme (title)	Duration	Sponsor/University
1	2017		UGC Sponsored Refresher course, Bharathiar university		10.05.2017 to 30.05.2017	UGC Sponsored
2	2019			Short Term Course on Research Methodology	12.09.2019-18.09.2019	UGC Sponsored

X) Social Activities undertaken NIL

S.No	Year	Name of the activity	Nature of the activity	Individual/collaborative activity	No.of Beneficiaries

S.No	Year	Number of Publications	Level of Publication	
			National	International
			-	

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Xi) Honours and recognitions received by teachers NIL

Year of award	Name& Designation of teachers receiving awards from state level, national level, international level	Name of the award, fellowship, received from Government or recognized bodies