

Dr. Viji A R
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PG Department of Botany
Iqbal College, Peringammala, Thiruvananthapuram (Dist.), Kerala (State), India
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Academic Qualification

Sl.No	Degree	Year	Subject	University/Institution
1	B Sc	2002	Botany	Kerala University
2	M Sc	2004	Botany	Kerala University
3	Ph.D	2015	Botany	Kannur University
4	Post Doctorate	2016-2018	Plant Taxonomy	University College (KSCSTE)

Experience

Research Experience: 11 years & 8 months; Teaching Experience: 7 years & 5 months

Sl.No	Position held	Name of Institute	From	To
1	Junior Research Fellow	JNTBGRI, Palode, Thiruvananthapuram	04-07-2005	11-7-2011
2	Junior Research Fellow	JNTBGRI, Palode, Thiruvananthapuram	12-07-2011	12-10-2015
3	Post-Doctoral Fellow	University College Thiruvananthapuram	20-12-2016	31-05-2018
4	Assistant Professor	Iqbal College, Peringammala	01-06-2018	Till Date

Area of Interest: Plant Taxonomy. Environmental Science, Pteridophytes and Ethnobotany

Research Guidance: Ph.D Research Guide in Botany (University of Kerala)

Additional achievements

- Discovered 7 new plant species to science
- Reported 15 more species additions to the flora of India

Publication Details

- In Journals: 30
- Book published: 1
- Book Chapters: 4
- In Proceedings: 10
- Project Reports: 2

Additional Responsibilities

- Principal Investigator-Herbal Garden Project funded by SMPB, Govt. of Kerala
- Guiding MSc, BSc dissertations and 4 PhD students
- Reviewer of International and National journals
- Convenor-PG Monitoring Cell
- Convenor-Biodiversity Club
- Convenor-Environmental Club
- Member-Anti-Ragging Cell
- Member-NAAC Committee

Resource Person

- Served as resource person in one day Seminar on Emerging Trends in Plant Taxonomy organized by Dept. of Botany, Sri Parasakthi College for Women, Courtallam, TamilNadu
- Served as resource person in National Level Training Programme on Plant Taxonomy & Biodiversity Organized by Centre for Innovation in Science & Soil Action in association with RCE, United Nations University & National Biodiversity Authority
- Served as resource person in National Level Webinar on '*Plant Taxonomy; Description to Digital Experiments*' Organized by CISSA in association with REC & United Nations University
- Served as Special invitee for Syllabus Revision (FDP-Botany) in University of Kerala
- Served as Subject Expert in Red Data Book Consultation meeting at Kerala State Biodiversity Board.
- Served as subject expert for the selection of Research Fellows in JNTBG & RI

Courses/Training attended (12)

- 3rd Botanical Nomenclature Course organized by Botanical Survey of India, Ministry of Environment, Forest & Climate change
- 3rd Induction Training Program Organized by PMMNMT, Central University of Kerala
- FDP on Art of Effective Teaching Organized by Vidyajyothi Institute of Technology, Hyderabad
- Refresher Course on Life Sciences organized by UGC Human Resource Development Centre, University of Hyderabad
- Short-term Faculty Development Program Organized by UGC-HRDC University of Kerala
- Training on Plant Taxonomy- Description to Digital Experiment organized by Centre for Innovation in Science and Social Action in association with REC
- Workshop on E-Content Development (MOOCS & Moodle organized by Dr APJ Abdul Khalam Library, in association with KSHCEC

- NEP Orientation & Sensitization Program organized by UGC-MMTTC University of Kerala
- Workshop on Design and Development of Online Courses organized by EMMRC-University of Calicut & UGC-HRDC, University of Kerala
- Short Term Course in Biodiversity & Ecology organized by UGC-HRDC Kannur University
- Orientation Programme on Valuation of Answer Scripts organized by University of Kerala
- Orientation programme on FYUGP Question bank preparation organized by University of Kerala

List of Publications

Book

1. K B Rameshkumar, B Sruthy, **A R Viji**, T Dhruvan (2022) Diversity of Cyperaceae Plants in South India: Pytochemical Perspective. KSCSTE Jawaharlal Nehru Tropical Botanic Garden and Research Institute Palode, Thiruvananthapuram-695562, Kerala, India ISBN: 978-81-955043-3-6

Publications in Journals (30)

1. Anakha, B.S. & **Viji, A. R.** (2023). *Cyperus babakan* Steud. (Liliopsida: Poales: Cyperaceae), a new record for southern India. *Journal of Threatened Taxa*. 15. 24288-24290. 10.11609/jott.8422.15.11.24288-24290.
2. Anakha, B.S. & **A.R. Viji** (2023). First Asian record of the New World *species Cyperus drummondii*. *Plantasia* 34, In: *Zoo's Print* 38(4): 36–38.
3. Kavya K Nair & **Viji A R** (2023) *Eleocharis neglecta* (Cyperaceae):an addition to the flora of South India. *Rheedeia* Vol.33(3).208-210
4. Kavya K Nair & **Viji, A. R.** (2023). *Eleocharis acutangular Ssp.neotropica*. (Cyperaceae), a new record for Southern Western Ghats. *Journal of Threatened Taxa*. 15(6). 23458-23460.
5. A Sumayya, P I Poornima Yadav, M Lekha, S Saroj kumar and **A R Viji** (2023) In vitro Sensitivity of Entomopathogenic Fungi to Premix Herbicides, *Journal of Krishi Vigyan*, 11 (Supple): 115-121, DOI: 10.5958/2349-4433.2023.00097.1
6. Anakha B. S., **A R Viji** (2019) “Taxonomic Studies of the tribe Genus *Cyperus* L.(Cyperaceae) in Thiruvananthapuram District, Kerala, India” *International Journal of Research and Analytical Reviews (IJRAR)* Volume 6 Issue 4 Pp 120-128
7. **A R Viji** & T S Preetha (2019) Taxonomy and Distribution of *Scleria foliosa* (Cyperaceae) in *Kerala Plant Science Today* 6(1):40-42.
8. **A R Viji**, G C Tucker, S Deepu & A G Pandurangan (2019) A New Species of *Eleocharis* (Cyperaceae) from Western Ghats *Japaneese Journal of Botany* 94(5): 300-305.

9. Geethakumary M. P. Deepu, S., & **A R Viji** (2019) new species of *Polycarpaea* (Caryophyllaceae) from India. *Phytotaxa* 414 (4) :181-186.
10. Kavya K Nair & **A R Viji** (2019) "Taxonomic Studies of the tribe Scirpeae (Cyperaceae) in Thiruvananthapuram District, Kerala, India" *International Journal of Research and Analytical Reviews (IJRAR)* Volume 6 Issue 4 Pp 140-145.
11. **Viji, A.R.**, Geethakumary M. P., Deepu, S., Pandurangan, A. G. and T. Shaju (2018) Lectotypification of *Carex courtallensis* (Cyperaceae) and notes on its morphology and habitat. *Annals of Plant Science* 7(4) :2172-2177.
12. **Viji, A. R.** and T.S. Preetha (2018) A new species of *Fimbristylis* (Cyperaceae) from Western Ghats, India. *Phytotaxa* 345 (1) 068-072.
13. **Viji A.R.** and A.G. Pandurangan (2017) *Rhynchospora gracillima* (Cyperaceae), a little-known species from Nilgiri Biosphere Reserve *Abrahamia*. 3(1) 13-15.
14. **Viji, A. R.** and T.S. Preetha *Bulbostylis capillaris* (Cyperaceae): A new record for Indian Sub-Continent *International Journal of Plant, Animal and Environmental Sciences* 7(4) 33-35.
15. **Viji, A. R.** and T.S. Preetha (2017) *Fimbristylis scbrida* (Cyperaceae): a new record for Asian Continent *Annals of Plant Science* 6(10) 1711-1712.
16. **Viji, A. R.** and T.S. Preetha (2017) *Fimbristylis vanoverberghii* (Cyperaceae): an addition to the flora of India and lectotypification. *Botany Letters* doi:10.1080/23818107017.1340192.
17. Rijuraj, M.P., **Viji, A.R.**, Shaju, T., Rajendraprasad, M and A.G. Pandurangan (2017) On the occurrence of two little known *Fimbristylis* (Cyperaceae) from Kerala, India *Annals of Plant Science*. 6(12):1862-1865
18. **Viji, A. R.**, Pandurangan, A. G. and Deepu Sivadas (2016) *Fimbristylis tuckeri* (Cyperaceae), a new sedge species from the Western Ghats India *Kew Bulletin*. 71:38
19. **Viji, A. R.**, Pandurangan, A. G., Deepu Sivadas and Gordon. C. Tucker (2016). *Carex nilagirica* (Cyperaceae), a new sedge species from the Nilgiri Biosphere Reserve, India *Webbia*. DOI: 10.1080/00837792.
20. **Viji, A. R.**, Deepu, S., Pandurangan, A. G. and G. C. Tucker (2015) *Cyperus coonoorensis* (Cyperaceae), a new species from the Nilgiri Biosphere Reserve, India *Phytotaxa* 203 (2) 178-184 2016.1183936
21. **Viji A.R.** and A.G. Pandurangan (2015) On the occurrence of little-known sedge, *Carex walkeri* from Nilgiri Mountains, Western Ghats, India *Int. J. Pure App. Biosci.* 3 (2)105-107

22. **Viji A.R.** and A.G. Pandurangan (2015) On the occurrence and phytogeographical significance of *Scleria foliosa* (Cyperaceae) in Tamil Nadu *Int. J. Curr. Res* 7(1) 11343-11344
23. **Viji A.R.** and A.G. Pandurangan (2015) Taxonomic status of *Scleria flaccida* C. B. Clarke: a review *Asian Journal of Science and Technology* 1093-1095
24. **Viji A.R.** and A.G. Pandurangan (2015) *Carex bilateralis* Hayata (Cyperaceae): A new distributional record for India *International Journal of Plant, Animal and Environmental Sciences* 5(1): 205-207
25. **Viji, A. R.**, Shaju, T and M. P. Geethakumary (2014) *Rhynchospora panduranganii* (Cyperaceae), a new sedge species from the Western Ghats of the Nilgiri Biosphere Reserve, India. *Kew Bulletin* 69 9519
26. **Viji, A. R.**, Deepu, S and A. G. Pandurangan (2014) *Cyperus papyrus* L. (Cyperaceae): a new record for Western Ghats, India *Taprobanica* 6(2) 137-139
27. **Viji A.R.** and A.G. Pandurangan (2014) *Eriophorum comosum* – A new distributional record for Peninsular India *International journal of Plant, Animal and Environmental Sciences* 4 (4) 6-9
28. **Viji A.R.** and A.G. Pandurangan (2014) *Eleocharis attenuata* (Franch & Sv.) Palla (Cyperaceae): A new distributional record for India *Annals of Plant Science* 3(6) 752-753
29. **Viji A.R.**, Dhruvan Tandyekkal and A.G. Pandurangan (2013) *Cyperus surinamensis* Rottboll, 1772 (Cyperaceae): A new record for India *Taprobanica* 5(1)67-68
30. **Viji A.R.**, Suja J.S., Shaju T., Pandurangan A.G. and E.S. Santhoshkumar (2010) Rediscovery of forgotten Sedge *Rhynchospora submarginata* Kuek. (Cyperaceae) from Kerala, India. *Ind. J. For* 33(2) 285-288.

Publication in Book chapter

1. Kavya K Nair, Anakha B S & **Viji A R** Diversity and distribution of sedges in Western Ghats. Vimala college publications 174-183 ISBN:978-81-960780-0-3
2. **Viji A R** (2019) Taxonomy of Sedges, 128-144 In: Pandurangan, A.G. & Krishnan P N (eds.) in Plant Taxonomy and Biodiversity, CISSA, Thiruvananthapuram ISBN: 978-81-937930-4-6
3. **Viji A.R.** and A. G. Pandurangan (2013) Taxonomy of Sedges *Frontiers in Plant Taxonomy* JNTBGRI, Palode pp. 122-128 ISBN: 978-81-924674-0-5
4. Anakha B S, Kavya K Nair and **A R Viji** (2021) “An Overview on the ecological significance of Sedges” in *Biodiversity Conservation and Ecosystem restoration*,

Biodiversity club, Department of Botany, Vimala College Pp 33-36, ISBN No 978-81-950842-9-6.

In Proceedings

1. Anakha B S & **Viji A R**. “Diversity and distribution of the genus *Cyperus* L. (Cyperaceae) in Southern Kerala.” In Proceedings of the National seminar BEECSD-2024. ISBN: 978-93-340-0727-5. pp. 49-59.
2. Arya A R & **A R Viji** (2024). Taxonomic Studies of Pteridophytes in Chemmunji Hills and Surrounding Areas, Thiruvananthapuram District, Kerala, National Seminar on Bio sustainability: Concerns and Challenges, ISBN:978-81-7255=174-2
3. Kavya K Nair, Anakha B S and **A R Viji** (2022) “Distribution of Sedges on different ecological regions of Kerala” Aureola, St. Stephens Journal of Multidisciplinary Studies and Research, Volume XIV, pp 89-101.
4. Kavya K Nair, Anakha B S and **A R Viji** (2021) “Endemism, Conservation Status and Profitable aspects of family Cyperaceae: A Review” in Emerging trends in Plant Science (Review paper proceeding), Enflammer Journal Club, Department of Botany, Vimala College Pp 99-109, ISBN No 978-81-950842-8-9.
5. Anakha B. S. & **A. R. Viji** (2021) “Documentation and germplasm conservation of traditional medicinal plants used Kani tribes in Peringammala, Thiruvananthapuram district. (Herbs and climbers)" in Unfolding Botanical Knowledge: A Compilation of Research Papers in Life Sciences, Department of Botany CMS College (Autonomous), Kottayam, pp 43–47, ISBN No 978-81-954765-0-3.
6. S R Fousiya, **A R Viji** and Nusaifa Beevi P (2021) “Study on the aquatic and wetland flora (Flowering plants) in Peringammala Grama Panchayath, Thiruvananthapuram district” In Proceedings of National Webinar and Scientific paper Presentation 'Recent Trends in plant Science' pp 19– 26, ISBN no 978-81-950842-0-3.
7. T S Karthika, **A R Viji** and Nusaifa Beevi P (2021) “Documentation and germplasm conservation of traditional wound healing plants in Peringammala Grama Panchayath, Thiruvananthapuram district” In Proceedings of National Webinar and Scientific paper Presentation 'Recent Trends in plant Science' pp 40– 44, ISBN no 978-81-950842-0-3.
8. N Ajmal Khan, **A R Viji** and Nusaifa Beevi P (2021) “Exploration and documentation of promising wild ornamental flowering plants in Peringammala Grama Panchayath, Thiruvananthapuram district” In Proceedings of National Webinar and Scientific paper Presentation 'Recent Trends in plant Science' pp 49– 52, ISBN no 978-81-950842-0-3.

9. S N Nahila Beegum, **A R Viji** and Nusaifa Beevi P (2021) “Floristic diversity and distribution of Pteridophytes in Peringammala Grama Panchayath, Thiruvananthapuram district” In Proceedings of National Webinar and Scientific paper Presentation 'Recent Trends in plant Science' pp 53– 57, ISBN no 978-81-950842-0-3.
10. G J Aiswarya, **A R Viji** and Nusaifa Beevi P (2021) “Floristic diversity of Kappil beach and its surroundings, Thiruvananthapuram district” In Proceedings of National Webinar and Scientific paper Presentation 'Recent Trends in plant Science' pp 58– 65, ISBN no 978-81-950842-0-3.

Project Reports

1. Systematics and Phytogeographic Evaluation of Grasses and Sedges of Nilgiri Biosphere Reserve– Project report submitted to Kerala State Forest Department, 2013 (As Research Assistant)
2. Revisionary studies of the family Cyperaceae– Project report submitted to KSCSTE, 2018 (Principal Investigator)