



Devipriya D

Assistant Professor of Botany

Residence

Kaleekkal Utradam
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QUALIFICATION

M.Phil. Botany

B.Ed. Natural Science

MSc. Genetics and Plant
Breeding.

PG Diploma in Child

Adolescent and Family
Counselling

NET (ICAR/ASRB), **SET**

Part Time Research Scholar

Department of Botany
Karyavattom Campus, University
of Kerala

Topic: Analysis of Diversity and
Phytochemical characterization
of *Holostemma ada-kodien*
Schult. from Kerala

DATE OF JOINING :

22.10.2012

EXPERIENCE IN YEARS

8 years 9months

4 years 10 months in HSS

AREA OF SPECIALIZATION

- Plant Tissue Culture
- Phytochemistry
- Pharmacognosy
- Plant Reproductive
Biology

ADMINISTRATIVE DISTINCTION

- NSS Programme Officer (2019 to till date)
- Contigent Leader of National Integration camp (NSS) at Himachal Pradesh under Ek Bharat Shreshtra Bharat programme (2020)
- Admission committee member (2019 & 2020)
- Co-ordinator Womens Study Unit- (2013&2015)
- Member Womens Study Unit (2017-2020)
- Member Environment club (2017-2020)
- Member Malpractice Prevention Squad, University of Kerala (2017 & 2019).
- Co-ordinator Study Tour (2016, 2017&2020).
- Co-ordinator of Scholar Support Programme (SSP) (2015-2019).
- Member Internal Exam Committee (2018-2019).
- Co-ordinator Urjakiran (2017-18 to 2019-2020).
- Co-convenor of CBCSS (2017-18).

PAPER PRESENTATIONS

1. Presented a paper entitled “ Quantification of Phytochemicals and Assessment of Anti-Inflammatory Activity of *Holostemma adakodien* Schult. Root Tuber ” in the International Conference on New Horizons in Plant Science organized by Department of Botany, University of Kerala, Thiruvananthapuram, Kerala from 4th to 9th January 2021.

2. Presented a paper entitled “Breakage of apical dominance in *Holostemma ada-kodien* (host) by *Danaus genutia* (butterfly) interaction.” at the Two Day International Virtual Conference on Vistas in Plant Science Research for Human Welfare held on 28th & 29th August 2020 organized by Department of Biotechnology SAS SNDP Yogam College, Konni, in collaboration with The Kerala State Higher Education Council (KSHEC).
3. Presented a paper on ‘Comparative study on Histological Localization of metabolites in the stem and root tuber of *Holostemma ada-kodien* Schult.’ in PROPECTUS PLANTAE 19, ‘International Conference on Exploring the Scope of Plant Genetic Resources’ organized by Department of Botany, University of Kerala from 22nd to 24th May 2019.
4. Presented a paper on ‘Centralized Laboratory - A Key To Interdisciplinary Research’ at the National seminar on ‘Challenges and changes in AQAR and SSR preparation’ organized by IQAC Sree Narayana College for Women Kollam Kerala on 19th and 20th December 2019.
5. Presented paper on ‘Phytochemical Screening of Cnidioscolous *chayamansa* Mc Vaugh, Euphorbiaceae Leaf Extract using Various Solvents’ at the National Seminar on Insights into Interdisciplinary Perspectives of Chemical and Biosciences on 26th to 28th February 2018 at Govt. Arts College Thiruvananthapuram.
6. Presented a paper on ‘Planting Bamboo along the Shore of Canals (Thodu): A natural method of Restoration During Water Scarcity’ at the National seminar on Conservation of Wetland Ecosystem for Long term Ecological Security on 18th to 20th January 2018 at SN College for Women Kollam.
7. Presented a paper on ‘The Role of Women in the Conservation of Biodiversity- as a guard for Forest’ at the International seminar on Women: Privacy, Profession and Position, on 4th January 2018 organized by Malabar Christian College Kozhikode.
8. Presented a paper on ‘Concrete canal lining one of the Reasons for Restriction of vegetation and Ichthyological Biodiversity’ at the National seminar on Conservation of Wetland Ecosystem for Long term Ecological Security on 18 to 20th January 2018 at SN College for Women Kollam.
9. Presented a paper on ‘Quantification of Andrographolide From In Vitro Raised Plant Lets’ At the National seminar on ‘Frontline Approaches in Material Science and Computational Chemistry’ MATCOM-2018 on 18 to 20th January 2018 at SN College for Women Kollam.

10. Presented a paper on “In vitro Propagation of *Aegle marmelos* L. A valuable medicinal tree.” On a UGC Sponsered Two Day National Seminar on ‘Advancement of Biosystematics on Biodiversity Conservation’ on 8th and 9th October 2015 at SN College Sivagiri Varkala.
11. Presented paper on ‘*In Vitro* callus studies in *Tinospora cordifolia* Miers. On a two day UGC sponsored National seminar on ‘Management of Bioresources in Western Ghats –A technological Approach’ on 17th and 18th september 2014 at SAS SNDP College Konni.
12. Presented paper a paper on ‘Tissue Culture and Biochemical Analysis in *Andrographis paniculata* Nees’. On a two day UGC sponsored National seminar on ‘Role of Plant Systematics in Biodiversity and its Conservation’ 4th and 5th march 2014 at SN College Varkala.
13. Presented a paper on “Micropropagation of *Aegle marmelos* Linn.” on a UGC Sponsored National Seminar on ‘Ethnic Knowledge on Biological Resources in Contemporary Plant Sciences’ at Sree Narayana College for Women Kollam on 28th and 29th August 2014.
14. Presented a paper on “Shifting Paradigm in women Empowerment- A study of English Vinglish” on a UGC Sponsered National Seminar on ‘Cinema and Culture’ at SN College Varkala on 26th and 27th August 2014.
15. Presented a paper on “Micropropagation and Biochemical Analysis in *Andrographis paniculata* Nees.” On a UGC Sponsered National Seminar cum Workshop on ‘Plant Systmatics and Herbarium Techniques’ KKTMM Govt. College, Kodungalloor on 24th and 25th September 2014.

▪ **PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS**

1. Participated in the International Webinar on “Alternative therapy for oral diseases: Exploring newer Possibilities”. Organized by Department of Botany, in association with webinar series CROSSROADS 2020 conducted by IQAC Sree Narayana College for Women, Kollam on 24th July 2020.
2. Attended International Webinar on Solid Waste Management organized by the Post Graduate Department of Home Science , in association with webinar series CROSSROADS 2020 conducted by IQAC Sree Narayana College for Women, Kollam on 29th July 2020.

3. Attended Webinar on “Epimutations and Epialleles-Adding to the Biodiversity” conducted on 27-05-2020 organised by IQAC in association with Department of Botany Fatima Mata National College (Autonomous) Kollam , Kerala , India.
4. Attended Webinar on “Professionalism in Life Sciences at Academic Level” conducted on 20-05-2020 organised by IQAC in association with Department of Botany Fatima Mata National College (Autonomous) Kollam , Kerala , India.
5. Successfully completed the training Basics of COVID-19 (Malayalam Course) on 04 May 2020 organized by DIKSHA and Department of Personnel and Training.
6. Attended Five day Faculty Development Programme in Science organized by Faculty Training Centre of the Kerala Higher Education Council from 23rd to 27th November 2019 at IMG Thiruvananthapuram.
7. Attended National Seminar on Green Technologies for Natural product Analysis organized by Department of Botany, University of Kerala on 8th November 2019.
8. Attended 31st Kerala Science Congress held during 2nd and 3rd February **2019** at Fatima Mata National College, Kollam.
9. UGC Sponsered Two Day National Seminar on ‘Importance of Green GDP and sustainable Development in India’ at the Department of Economics in SN College for Women Kollam on 6th and 7th July 2015.
10. Attended National Seminar on ‘Recent Advances in Plant Science’ organized by Department of Botany Kariyavattom on 27th February 2015.
11. Attended UGC Sponsered Two Day National Seminar on ‘Ethnic Knowledge of Biological resources in Contemporary Plant Sciences’ at SN College for Women on 26th and 27th August 2014.
12. Attended National Seminar on New Trends in Higher Education sponsored by Directorate of Collegiate Education, Govt. of Kerala On 27th and 28th March 2014.
13. Attended National Seminar on ‘Biotechnology Vs Biodiversity challenges and options’ held on 21-22th November 2012 at S.N.College, Kollam.

INVITED LECTURES AS RESOURCE PERSON

1. **Devipriya D**, as Resource person in Live webinar VIRTUOSA 2020 on International Day for Biological Diversity with webinar topic as ‘The Art of Utilizing Floral Diversity’ organized by Department of Botany and Biodiversity Club on 31st May 2020 by KSM DB College Sasthamcotta

PUBLICATIONS IN BOOKS OR JOURNAL

1. **Devipriya D. and Radhamani P.M** (2021). Quantitative Analysis of Phytochemicals and HPTLC Profiling of Methanolic Extract of *Holostemma ada-kodien* Schult. Root Tuber. In International Journal of Advanced Interdisciplinary Sciences, (1) August 2021, pp.49-59.
2. **Devipriya D. and Radhamani P.M** (2021). Reproductive features and *in vitro* pollinia germination in *Holostemma ada-kodien* Schult, a RET species The International Journal of Plant Reproductive Biology, 13(2) July, 2021, pp.103-108.
3. **Devipriya D. and Radhamani P.M.** (2021). Quantification of Phytochemicals and Assessment of Anti-inflammatory activity of *Holostemma adakodien* Schult. root tuber In Proceedings of NHPS 2020 International Conference on New Horizons in Plant Science, ISBN 978-81-940888-3-7, pp. 111-113.
4. **Devipriya D. and Radhamani P.M.** (2020). Pharmacognostic studies on *Holostemma ada-kodien* Schult. root tuber . Journal of Traditional and Folk Practices ISSN 2278 – 5906. Volume 07 (1&2) and 08 (1) June 2020, 29-40.
5. **Devipriya D. and Radhamani P.M.** (2019). Comparative study on Histological localization of metabolites in the Stem and Root tuber of *Holostemmaada-kodien*. Schult. In proceedings Provectus Plantae 19. International Conference on Exploring the Scope of Plant Genetic Resources, ISBN No. 978-81-940888-0-9, pp. 191-195.
6. **D. Devipriya. and B.L Padmasree.** (2018). ‘Phytochemical Screening of *Cnidoscoulous chayamansa* Mc Vaugh, Euphorbiaceae Leaf Extract using Various Solvents’. Trends in Biosciences, 11(7) Print: ISSN 0974-8431,1251-1253.
7. **Devipriya D.** (2018). The role of Women in the Conservation of Biodiversity – As a guard for forest. International Vanitha Seminar :Women-Privacy, Profession, Position, ISBN No.978-81-927201-6-6, pp 98-103.
8. **Devipriya D. and Anjana S Kumar.** (2018) ‘Studies on Floral Character and Sex reversal in *Carica papaya*’ in Kong. Res. J., 5(2): 5(2) : 24-26, ISSN 2349-2694, Kongunadu Arts and Science College, Coimbatore.
9. **Devipriya D. and Radhamani P.M.** 42545 created: 10 Jul 2019 22:32:51
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10. **Devipriya D. and Radhamani P.M.**42544 created: 10 Jul 2019 22:31:31
Uploaded on the BOI site as *Danaus genutia genutia*. Media code(s): ds779.
11. **Devipriya D. and Radhamani P.M.**42543 created: 10 Jul 2019 22:27:53
Uploaded on the BOI site as *Danaus genutia genutia*. Media code(s): ds778
12. **Devipriya D. and Radhamani P.M.** 41846 created: 18 Jun 2019 06:53:18
Uploaded on the BOI site as *Danaus genutia genutia*. Media code(s): dr837

13. Devipriya D. and Radhamani P.M.41792 created: 16 Jun 2019 06:39:20
Uploaded on the BOI site as *Danaus genutia genutia*. Media code(s): dr759

MEMBERSHIP IN PROFESSIONAL BODIES

The Society of Plant Reproductive Biologists.

OTHER ACHIEVEMENTS

1. Deputed as **Contigent Leader** representing National Service Scheme, **University of Kerala** for the **National Integration camp** to be conducted by the NSS State Cell of Himachal Pradesh at M.C.M.D College, Kangra, Himachal Pradesh from 24/02/2020 to 01/03/2020-Reg:(Our Partner State) Under **Ek Bharat Shreshtra Bharat programme**.
2. Completion of ‘**Environmental Sustainability Course**’ (Non-Credit) on **SWAYAM** offered by **INDIRA GANDHI NATIONAL OPEN UNIVERSITY, NEW DELHI** under **MHRD (2018)** .
3. Achieved a **PG Diploma in Child Adolescent and Family Counselling** from University of Kerala in 2014.

Orientation/Refresher/Short term Course/Workshops attended:

Name of the Course /Summer School	Place	Duration	Sponsoring Agency
One week “Digital content management on E-Learning” Interdisciplinary FDP	Online	13.11.2021 to 19.11.2021	Sree Narayana College for Women,, Kollam, in academic collaboration with Kerala State Higher Education Council
Attended online short term training programme	Online	15.11.2020 to 20.11.2020	University of Kerala
Two weeks workshop on Research Methodology	Online	01.11.2020 to 13.11.2020	School of Life Sciences, University of Kerala.
Two Week Faculty Development Programme on "Managing Online Classes And Co-Creating Moocs 3.0	Teaching Learning Centre, Ramanujan College University of Delhi	25.07.2020 to 10.08.2020	Ministry Of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching

Faculty Development Programme from 25.05.2020 to 29.05.2020 on Moodle Learning Management System	Sree Narayana College, Chengannur	25.05.2020 to 29.05.2020	National Mission on Education through ICT.
One week FDP in Science (Philosophy of Science)	Faculty Training Centre IMG Tvm.	23.11.2019-27.11.2019	The Kerala State Higher Education Council, TVM.
Refresher Course in Life Women's Studies (Multidisciplinary)	ASC, University of Kerala	02.12.2016 to 22.12.2016	UGC
Orientation Course	ASC, University of Kerala	22.04.2015 to 19.05.2015	UGC

RESEARCH OUTPUT

- **Research publications in National and International Journals in UGC care list and also in peer reviewed journals.**

CITATIONS AND INDEXING, IF ANY

▪ JOURNAL CITATIONS

D, D., & S. Kumar, A. (2018). STUDIES ON FLORAL CHARACTERS AND SEX REVERSAL IN CARICA PAPAYA. *Kongunadu Research Journal*, 5(2), 24-26

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