



DR. Devipriya D

Assistant Professor of Botany

ADMINISTRATIVE DISTINCTION

Residence

Kaleekkal Veedu
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QUALIFICATION

Ph. D in Botany

M.Phil. Botany

B.Ed. Natural Science

MSc. Genetics and Plant Breeding.

PG Diploma in Child Adolescent and
Family Counselling

NET (ICAR/ASRB)

SET

Research Topic

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

DATE OF JOINING : 22.10.2012

EXPERIENCE IN YEARS

11 years

4 years 10 months in Govt. Higher
secondary School as HSST(Jr.)

AREA OF SPECIALIZATION

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

- NSS Programme Officer.
- Commanding Officer of District level Covid warrior 2021.
- Contingent Leader of National Integration camp (NSS) at Himachal Pradesh under Ek Bharat Shreshtra Bharat programme (2020).
- Admission committee member (2019 onwards).
- 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 &2023).
- Co-ordinator of Scholar Support Programme (SSP) (2015-2019).
- Member Internal Exam Committee (2018-2019).
- Co-ordinator Urjakiran (2017 onwards)
- Co-convenor of CBCSS (2017-18).

■ PAPER PRESENTATIONS

1. Presented a paper entitled “**Analysis of morphological and molecular diversity of *Holostemma ada-kodien* Schult. accessions**” in the International Conference on New Horizons in Plant Science NHPS 2023 organized by Department of Botany, University of Kerala, Thiruvananthapuram, Kerala from **21st to 23rd March 2023**.
2. Presented a paper entitled “**Quantification of Phytochemicals and Assessment of Anti-Inflammatory Activity of *Holostemma ada-kodien* 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 *Cnidocolous 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’ KKTm 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. Participated one day lecture workshop on Viral Genomics organized by post graduate and research Department of Botany, Fatima Matha College, Kollam on March 2019.
10. UGC Sponsored 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.

11. Attended National Seminar on ‘Recent Advances in Plant Science’ organized by Department of Botany Kariyavattom on 27th February 2015.
12. 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.
13. Attended National Seminar on New Trends in Higher Education sponsored by Directorate of Collegiate Education, Govt. of Kerala On 27th and 28th march 2014.
14. 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/EVALUATOR

1. **Devipriya D**, as **evaluator** in District Level Kerala Development and Innovation Strategic Council, Young Innovator Programme 5.0 Category I on 14th October 2023.
2. **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 OR WEBSITES

1. **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.
2. **D Devipriya and Radhamani P M**, 2021. **Study on Histological Localization of Metabolites in *Holostemma ada-kodien* Schult. Stem and Root Tuber** In Plant genetic resources and Utilization An appraisal.252-257. ISBN:978-81-951912-4-6. The publisher Department of Botany, University of Kerala Kariavattom Thiruvananthapuram, Kollam.
3. **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.

4. **Devipriya D. and Radhamani P.M. Comparitive study on Histological localization of metabolites in the Stem and Root tuber of *Holostemma ada-kodien*. Schult.** In proceedings Provectus plantae 19. International Conference on Exploring the Scope of Plant Genetic Resources, ISBN No. 978-81-940888-0-9.
5. **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.
6. **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.
7. **Devipriya D. and Radhamani P.M.** 42545 created: 10 Jul 2019 22:32:51
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9. **Devipriya D. and Radhamani P.M.**42543 created: 10 Jul 2019 22:27:53
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11. **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

Kerala University Botany Association

OTHER ACHIEVEMENTS

1. **Best Programme Officer** of National Service Scheme for the year **2021-22** under University of Kerala.
2. **Certificate of Appreciation** for co-ordinating District level **Bodhyam 2022** organised by Kerala state NSS cell and Kerala Excise Department.

3. **Certificate of Appreciation** from state NSS for service as **Covid Warrior of the Kerala State NSS Cell** during Covid 19 pandemic out break **2021**.
4. **Certificate of Appreciation** from District Disaster Management Authority and District Medical Office, Kollam for acting **as commanding officer of NSS units**, in outstanding contribution in Covid 19 prevention and control activities **2021**.
5. 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.
6. Completion of '**Environmental Sustainability Course**' (Non-Credit) on **SWAYAM** offered by Indira Gandhi National Open University, New Delhi under MHRD (2018).
7. 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 |
|--|---|--------------------------|--|
| Attended 7day Empanelled training of National Service Scheme | Empanelled Training Institute | 25.07.2022 to 31.07.2022 | University of Calicut |
| 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. |
| 2-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 | Sree Narayana College, Chengannur | 25.05.2020 to 29.05.2020 | National Mission on Education through ICT. |

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| Learning Management System | | | |
| 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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