

**DR. C. V. KALPANA**

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**Educational Qualifications:**

| S. NO | COURSE                     | INSTITUTION  | YEAR OF PASSING | PERCENTAGE | CLASS OBTAINED               |
|-------|----------------------------|--|-----------------|------------|------------------------------|
| 1     | M.Ed.                      | Government College of Education for Women, Coimbatore                    | 2017            | 80.6       | First class with Distinction |
| 2     | SET - Education            | Mother Teresa Women's University, Kodaikanal                             | 2017            | -          | -                            |
| 3     | B.Ed.                      | Government College of Education for Women, Coimbatore                    | 2015            | 82.5       | First Class with Distinction |
| 4     | M.Sc. Botany               | School of Distance Education, Bharathiar University                      | 2014            | 63         | First Class                  |
| 5     | Ph.D Life Sciences- Botany | Avinashilingam University for Women, Coimbatore                          | 2008            | -          | Highly Commended             |
| 6     | M.Phil Life Sciences       | Avinashilingam Institute for Home Science and Higher Education for Women | 1999            | 77         | First Class                  |
| 7     | M.Sc Life Sciences         |  | 1997            | 83.25      | First Class with Distinction |
| 8     | B.Sc., Zoology/Botany      |  | 1995            | 76.65      | First Class                  |
| 9     | Higher Secondary           | Corporation Girls Higher Secondary School, R.S.Puram(W), Coimbatore.     | 1992            | 71.25      | First Class                  |
| 10    | SSLC                       |  | 1989            | 81         | First Class                  |

**Papers Presented and Abstracts Published:**

| S.No. | Title of the Paper   | Author(s)  | Organizer/Venue  | Month and Year    |
|-------|--|--|--|-------------------|
| 1.    | Cutting vs air layering – A comparative study in Rose (Rosa sp.L.) | Lalithambika SR<br>Kalpana CV<br>Keerthana P<br>Kowsalya J<br>Narmadha M | UGC Sponsored Two-Day National Conference on New Horizons in Biological Science Research (NCNBSR 2023) Organized by the Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | January 4&5, 2023 |
| 2.    | Role of Small Pointed  | Mythili R  | Two Day International Conference   | February          |

|    |   |                          |   |                  |
|----|---|--------------------------|---|------------------|
|    | Conical Snail ( <i>Priocella Barbara</i> L.) in Soil Nutrient Recycling             | Kaviya S<br>Kalpana CV   | on Innovations in the Sphere of Biological Sciences (ISBS 2023)<br>Organized by the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore        | 15&16, 2023      |
| 3. | Phytochemical analysis of <i>Piper betle</i> L. var. SGM 1 and Kapoori              | Ranjini M<br>Kalpana C V | UGC sponsored one day National Seminar on Biological Sciences-A Step Towards Cutting Edge Research (NSBSCER-2024) organized by the Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | February 7, 2024 |
| 4. | Phytochemical analysis of <i>Piper betle</i> L. var. Karpuravalli and Country betle | Janani V<br>Kalpana C V  | UGC sponsored one day National Seminar on Biological Sciences-A Step Towards Cutting Edge Research (NSBSCER-2024) organized by the Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | February 7, 2024 |

**Faculty Induction Programme Attended (Online/Offline):**

| Programme   | Organizer and Venue  |
|---|--|
| Guru-Dakshata (2021-2022) Twenty-One-Day Faculty Induction Programme (FIP) for Newly Recruited Faculty<br><br>Phae I: 21/12/2021 to 29/12/2021<br>Phase II: 04/04/2022 to 12/04/2022<br>Phase III: 09/05/2022 to 16/05/2022 | IQAC, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore<br><br><b>Venue:</b> Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore |
| National Level Virtual Faculty Development Program on Emerging Trends in Plant Science-2024<br><br>March 4–11, 2024.  | Department of Botany, Bishop Heber College, Tiruchirappalli, Tamil Nadu<br><br><b>Venue:</b> Online  |
| 5 Days Virtual Faculty Development Programme on “ELEMETS-2024”<br><br>17/10/2024 to 23/10/2024  | School of Science, Department of Microbiology, Rathinam College of Arts and Science, Coimbatore<br><br><b>Venue:</b> Online  |

**List of Publications:**

**International Journals: In SCOPUS:**

1. Kalpana, C.V. and Rita Joseph, 1998. The influence of coir waste and inorganic fertilizers on the growth and yield of Bhendi (*Abelmoschus esculentus* (L.) Moench). **Environmental Education and Information**, **18(1)**: 45-52. ISSN 0144 9281
2. Kalpana, C.V. and C.K. Padmaja, 2011. Efficacy of *Aloe vera* L. leaf peeling extract on the germination of cluster bean and chilli seeds. **Research on Crops**, **12(1)**: 251-253. ISSN 0972-3226. Impact Factor:1.2
3. Kalpana, C.V. and C.K. Padmaja, 2011. *Aloe vera* L. leaf peeling extract and powder: A biochemical approach. **Research on Crops**, **12(1)**: 261-262. ISSN 0972-3226. Impact Factor:1.2
4. Kalpana C.V. and Vrinda K.C. 2023. Comparative Study on Morphological Characteristics, Ethno Botanical and Ethno Pharmacological Importance of *Capsicum annum* L. var. *Annum* and *Capsicum annum* L. var. *Frutescens*. **Agricultural Science Digest** **44(3)**: 434-439. ISSN 0253-150X.

**National Journals:**

1. C.V. Kalpana and A. Joakim, 2018. Knowledge of Higher Secondary Students on their Personal Hygiene. **Review of Research**, **7(5)**: 1-5. ISSN 2249-894X. Impact Factor:1.594
2. Rita Joseph, C.V. Kalpana and C.K. Padmaja, 2006. A study on the effective utilization of eco friendly organic manures on the growth and yield of black gram (*Vigna mungo* (L.) Hepper). **Advances in Plant Sciences**, **19(III)**: 535-538. ISSN 0970-3586
3. Kalpana, C.V. and Rita Joseph, 1999. Influence of Coir Waste in Improving the Soil Fertility. **Research Highlights**, Journal of Avinashilingam Deemed University, 9: 130-133.
4. Rita Joseph and C.V. Kalpana, 1999. Difference Between Organic and Inorganic Fertilizers (Tamil). **Vignana Chudrar**, February, 1999. P.No.29-30.
5. Rita Joseph and C.V. Kalpana, 1998. Ilaneerin Magathuvam (Tamil). **Vignana Chudrar**, September 1998, P.No: 48

**Project: Completed**

| S.No. | Name of the Project                            | Title of the Project  | Amount Sanctioned |
|-------|--|---|-------------------|
| 1     | Avinuty/Seed/SBSc-2022-23/001 dated 29.05.2023 | Influence of <i>Allopecurus gracile</i> (Hutton, 1834), FYM and leaf litter on soil fertility and crop productivity | Rs. 50,000/-      |

**Seminar/Conference/Training/Workshop Conducted:**

| S.No. | Date       | Title   | Role Played                 | Organizer  |
|-------|------------|---|-----------------------------|--|
| 1     | 27/09/2019 | One day Hands-On Training Programme on "Bioinstrumentation"     | Organizing Committee Member | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore |
| 2     | 18/12/2019 | One day National Seminar on "Current Scenario in Plant Science" | Organizing Committee Member | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore |
| 3     | 13/02/2020 | One day Student Lecture   | Organizing                  | Department of Botany,  |

|   |                          |   |                             |  |
|---|--------------------------|---|-----------------------------|--|
|   |                          | Workshop on “Trends in Cryptogams”  | Committee Member            | Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore   |
| 4 | 20/02/2020& 21/02/2020   | UGC Sponsored Two days National Conference on “Environment and Biosciences”   | Organizing Committee Member | School of Biosciences, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore  |
| 5 | 05/06/2021               | Webinar on “Covid-19 Pandemic: Impact on Environment and Opportunity to Restore Ecosystems”                         | Organizing Committee Member | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore   |
| 6 | 08/11/2021 to 14/11/2021 | One Week Virtual Faculty Development Programme on “Future Perspectives in Biological Sciences”                      | Organizing Committee Member | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore   |
| 7 | 22/12/2021 & 23/12/2021  | 2-Day National e-Conference on Biodiversity Building and Natural Resource Management (NC BBNRM-2021)                | Organizing Committee Member | Department of Botany, Seva Bharati Mahavidyalaya, Kapgari, Jhargram, West Bengal, Department of Botany, Government General Degree College, Lalgah, Jhargram, West Bengal, and Department of Zoology, Department of Botany and Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore |
| 8 | January 04&05 2023       | UGC Sponsored Two-Day National Conference on New Horizons in Biological Science Research (NCNBSR 2023)              | Organizing Secretary        | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore   |
| 9 | February 7, 2024         | UGC Sponsored One Day National Seminar on Biological Sciences – A Step Towards Cutting Edge Research (NSBSCER-2024) | Organizing Secretary        | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore   |

## **Teaching Experience**

### **Experience in Colleges:**

- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 1/7/2024 till now
- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 1/09/2023 to 24/5/2024
- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 01/09/2022 to 09/06/2023
- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 01/11/2021 to 19/05/2022
- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 02/11/2020 to 09/07/2021
- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 01/07/2019 to 08/05/2020
- Assistant Professor, Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 1/1/2019 to 8/5/2019
- Guest Lecturer, Department of Education, Government College of Education for Women, Coimbatore, from 10/07/2018 to 12/09/2018
- Guest Lecturer, Department of Zoology, Chikkanna Government Arts College, Tirupur from 4/12/2006 to 31/3/2009

### **Experience in Schools:**

- Post Graduate Teacher in Orison Academy, Eachanari, Coimbatore, from 12/06/2017 to 09/04/2018
- Post Graduate teacher in MGM Matriculation School, Coimbatore from 07/08/2000 to 10/04/2001
- Post Graduate Teacher in Sri Vidya Mandir Higher Secondary School, Rasipuram, from 26/01/2000 to 30/04/2000