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|----------------------|-------------------------------|---|
| <b>NAME</b>          | <b>VIDYA VARMA P. K.</b>      |  |
| <b>DESIGNATION</b>   | Assistant Professor of Botany |   |
| <b>QUALIFICATION</b> | M. Sc.; M. Phil.; Ph. D.      |   |
| <b>EMAIL ID</b>      | viva8077@gmail.com            |   |
| <b>PHONE NO</b>      | 944640613                     |   |

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| <b>TEACHING INTERESTS</b>                              |
| Pteridology, Plant Physiology, Anatomy, Plant breeding |

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| <b>RESEARCH AREAS</b>                                     |
| Molecular systematic of ferns, Gametophyte study of ferns |

### **ACADEMIC/PROFESSIONAL QUALIFICATIONS\***

| <b>NAME OF THE PROGRAMME</b> | <b>INSTITUTION/UNIVERSITY</b>  | <b>YEAR OF PASSING</b> |
|------------------------------|--|------------------------|
| B. Sc. Botany                | The Zamorin's Guruvayurappan College, Kozhikode, University of Calicut | 2000                   |
| M. Sc. Botany                | The Zamorin's Guruvayurappan College, Kozhikode, University of Calicut | 2004                   |
| UGC-CSIR NET-JRF             | Council of Scientific and Industrial Research, New Delhi, India        | 2004                   |
| M.Phil. in Botany            | Department of Botany, University of Calicut                            | 2008                   |
| Ph. D in Botany              | Calicut University   | 2014                   |

### **CAREER HISTORY/TEACHING EXPERIENCE**

| DESIGNATION                   | INSTITUTION/UNIVERSITY                          | YEAR OF SERVICE      |
|-------------------------------|---|----------------------|
| Assistant Professor of Botany | The Zamorin's Guruvayurappan College, Kozhikode | 2009-2011            |
| Assistant Professor of Botany | Govt. College Madappally, Vatakara-             | 2011-2018            |
| Assistant Professor of Botany | Govt. Arts and Science College, Kozhikode       | 2018 June to present |

### **MPHIL/PHD THESIS**

| SL.NO | TITLE   | GUIDE NAME                    | INSTITUTION                           | MONTH/YEAR |
|-------|---|-------------------------------|---------------------------------------|------------|
| 1.    | M.Phil. dissertaion- Phenetics of the Trichomanoid ferns of South India   | Prof.(Dr.)P.V. Madhusoodhanan | Dept of Botany, University of Calicut | June 2008  |
| 2.    | Ph. D. thesis- Molecular systematics of Filmy Ferns (Hymenophyllaceae) of South India based on <i>rbcL</i> nucleotide sequences | Prof.(Dr.)P.V. Madhusoodhanan | Dept of Botany, University of Calicut | April 2014 |

### **RESEARCH GUIDESHIP**

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### **M.PHIL/PH.D GUIDED**

| SL.NO | NAME OF THE STUDENT | TITLE | UNIVERSITY & WORK CENTRE | MONTH/ YEAR |
|-------|---------------------|-------|--------------------------|-------------|
|       |                     |       |                          |             |
|       |                     |       |                          |             |

### **RESEARCH PROJECTS/GRANTS RECEIVED**

## **AWARDS/ACHIEVEMENTS/OTHERS\***

\*BEST PAPER, BEST POSTER, ANY OTHER POST HELD ETC...

## **JOURNAL PUBLICATIONS**

| SL.NO. | TITLE  | NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS     | ISSN NO   | MONTH / YEAR |
|--------|--|---|---|--------------|
| 1      | Vidya Varma P. K., Ramani, M. P. and Madhusoodanan, P.V. Effect of pH on the spore germination and gametophyte development in three ferns                            | <i>Flora and Fauna</i> 12:89-92                     | ISSN 2456-9364  | 2006         |
| 2      | Vidya Varma P. K., Ramani, M. P., Madhusoodanan, P. V. The effect of 2, 4-D and GA <sub>3</sub> on the spore germination and gametophyte development in three ferns. | <i>Journal of Indian Botanical Society.</i> 87:1-5. | Print<br>ISSN: 0019-4468<br>Online<br>ISSN: 2455-7218 | 2008         |
| 3      | Vidya Varma P.K., K.V.Mohanan and P.V. Madhusoodanan Phenetics Of South Indian Trichomanoid Ferns.   | Indian fern Journal 31                              | ISSN No: 0970-2741                                    | 2014         |
| 4      | Vidya Varma P.K. and P.V. Madhusoodanan. Molecular Systematics of Filmy ferns (Hymenophyllaceae) of South India  | Indian fern Journal 31                              | ISSN No: 0970-2741                                    | 2014         |

## **CONFERENCE PUBLICATIONS**

## **ARTICLES IN PERIODICALS/MAGAZINES/ANY OTHER**

| SL.NO. | TITLE | NAME OF PERIODICAL | MONTH / YEAR |
|--------|-------|--------------------|--------------|
|        |       |                    |              |

## **BLOG/WEB ARTICLES**

| SL.NO. | TITLE | URL | SUBJECT | MONTH / YEAR |
|--------|-------|-----|---------|--------------|
|        |       |     |         |              |
|        |       |     |         |              |

### **BOOKS AS AUTHOR/EDITED/CHAPTERS/REVIEWS**

| SL.NO | TITLE | AUTHOR NAMES | ISBN NO. | MONTH/ YEAR |
|-------|-------|--------------|----------|-------------|
|       |       |              |          |             |

### **ORIENTATION/REFRESHER COURSES ATTENDED**

| SL.NO | NAME OF THE PROGRAMME                             | NAME OF THE ORGANISER  | MONTH/ YEAR   |
|-------|---|--|---------------|
| 1     | Orientation Programme                             | Academic Staff College, University of Calicut                                | February 2010 |
| 2     | Orientation Course for the NSS programme officers | Empanelled Training institution for NSS- Rajagiri college of Social sciences | June 2012     |
| 3     | Refresher Course in Environmental Science (ID)    | Academic Staff College, University of Kerala                                 | January 2014  |

### **SEMINARS/CONFERENCES/WORKSHOPS ATTENDED#**

| SL.NO | NAME OF THE PROGRAMME   | NAME OF THE ORGANISER & SPONSORING AGENCY               | VENUE & DATE   | LEVEL *  |
|-------|---|---|--|----------|
| 1.    | National seminar on Forestry, agriculture                                     | KFRI and Gregor Mendel Foundation University of Calicut | 7-8, November 2013, KFRI, Peechi   | National |
| 2.    | Two day national seminar- Sustainable agriculture solutions for food security | Directorate of Collegiate Education, Kerala             | 19, 20- January 2016<br>Dept.of Botany,<br>Govt.College Madappally                                       | National |
| 3.    | Two day national seminar- Impacts of climate change on /national resources    | Directorate of Collegiate Education, Kerala             | 21,22-Novemebr, 2017,<br>Dept.of BotanyBaby John Memorial Govt. College , Kollam                         | National |
| 4.    | Two day national seminar on Methods in Research                               | Directorate of Collegiate Education, Kerala             | 6 <sup>th</sup> and 7 <sup>th</sup> December 2017<br>Dept.of Botany,<br>Maharaja's College,<br>Ernakulam | National |

|    |   |  |  |          |
|----|---|--|--|----------|
| 5. | Two day national seminar-<br>Climate change: Threats<br>and Solutions | Directorate of Collegiate<br>Education, Kerala | 4, 5-January 2018, Dept.of<br>Botany, Govt.College<br>Madappally                           | National |
| 6. | One day seminar-<br>Agriculture for Sustainable<br>Development        | KSCSTE, Kerala                                 | 20 <sup>th</sup> February<br>2018,Dept.Botany,Govt<br>Arts and Science College,<br>Calicut |          |

#(MENTION THOSE WHICH ARE RELEVANT & PREFERABLY WITHN PAST 5 YEARS)

## **SEMINARS ORGANIZED**

| SL.NO | NAME OF THE<br>SEMINAR | NAME OF THE<br>ORGANISER &<br>SPONSORING AGENCY | VENUE &<br>DATE | POSITION<br>HELD | LEVEL * |
|-------|------------------------|---|-----------------|------------------|---------|
|       |                        |   |                 |                  |         |

\*INSTITUTIONAL, REGIONAL, STATE, NATIONAL, INTERNATIONAL

## **PROFESSIONAL AFFILIATIONS/MEMBERSHIPS**

- Life time Member in Gregor Mendel Foundation, Depart. of Botany, university of Calicut

## **INVITED TALKS/IN MEDIA/ANY OTHER**

- Talk on Molecular systematic in the National Workshop on Plant Taxonomy of Lower Vascular Plants-30-10--2013
- Resource person in Two day Science Parliament –conducted by Govt. College Madappally and Block Panchayath, Vatakara- 18-19 January 2017

## **POSITIONS HELD IN COLLEGE**

- Member –Bhoomithrasena and Nature club
- Member- Tutorial committee

## **PG PROJECTS GUIDED**

| SL.NO | TITLE  | MONTH/<br>YEAR |
|-------|--|----------------|
| 1     | A study of Field variability in <i>Eclipta alba</i>            | 2010-11        |
| 2     | A study of field level variability in <i>Centella asiatica</i> | 2010-11        |

## **UG PROJECTS GUIDED**

| <b>SL.NO</b> | <b>TITLE</b>   | <b>MONTH/<br/>YEAR</b> |
|--------------|--|------------------------|
| 1.           | STUDY OF POLLEN MORPHOLOGY OF TEN PLANT SPECIES IN THE MADAPPALLY COLLEGE CAMPUS | 2017-18                |
| 2.           | EFFECT OF pH ON THE GROWTH PERFORMANCE OF MICROALGAE SCENEDESMUS sp.”            | 2015-16                |
| 3.           | Pollen In Honey  | 2014-15                |
| 4.           | Stomatal types in different plants in Madappally college campus                  | 2013-14                |
| 5.           | Spore morphology of ferns in madappally college campus                           | 2011-12                |
| 6.           | Spore morphology of fens in Zamorin’s Guruvayurappan college                     | 2009-10                |

## **LECTURE NOTES**

## **REFERENCES**