

Profile of Dr. A. Vijayalakshmi



- (i) Designation : Professor and Head
- (ii) Department : Botany
- (iii) Qualification : M.Sc., M.Phil., Ph.D
- (iv) Experience : 26 years, 2 months, 5 days
- (v) Specialization : Reproductive biology, Organic farming, Nodulation anatomy
- (vi) Email id : avijayalakshmi85@gmail.com
- (vii) Research Guidance :

| Degree | Awarded | Guiding |
|--------|---------|---------|
| M.Phil | 7 | 1 |
| Ph.D | 7 | 5 |

(viii) Publications

| S.No | Category | Total | For the Period (2013-2018) |
|------|--|-------|-------------------------------|
| 1 | International Journals | 29 | 17 |
| 2 | National Journals | 18 | 1 |
| 3 | In house | 11 | 1 |
| 4 | Full length articles in proceeding | 4 | - |
| 5 | National Conference | 52 | 7 |
| 6 | Books / Chapters in Books / Books Edited | - | - |

Best 5 Publications (2013-2018):

| S.No. | Title of the Article | Name of the Journal | I/N | ISBN/ISSN | Vol. | Pages | Date, Month and Year |
|-------|---|--|---------------|-----------|------|-------|--------------------------------|
| 1 | Enzymatic and non enzymatic antioxidant activity of leaf extracts of <i>Aegle marmelos</i> L. and <i>Centella asiatica</i> L. | International Journal of Pharmaceutical Research | International | 0975-2366 | 9 | 38-41 | 29 th January, 2017 |

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|---|---|--|---------------|-------------|---|-------------|--------------------------------|
| 2 | Biocomposting technology and microbial population of agroindustrial waste using <i>Pleurotus sajor caju</i> and earthworm (<i>Eudrilus eugeniae</i>). | International journal of Pharma and Biosciences | International | 0970-9320 | 8 | 679-685 | 04 th July, 2016 |
| 3 | Recycling of agro-industrial wastes utilized for the enhancement of growth and yield of <i>Solanum surratense</i> Burm.f. | World Journal of Pharmacy and pharmaceutical Sciences, | International | 2278 – 4357 | 6 | 672-685 | 7 th February, 2017 |
| 4 | Effect of vermicompost on the growth and yield of chili8. | International Journal of Recent Scientific Research. | International | 0976-3031 | 8 | 19540-19542 | 28 th August, 2017 |
| 5 | Effect of vermicompost on germination and growth of black nightshade (<i>Solanum nigrum</i> Linn.) Plant | International Journal of Recent Scientific Research | International | 0976-3031 | 8 | 19025-19028 | 28 th August, 2017 |

(ix) Sponsored Projects: Nil

(x) Details of the Projects (2013-2018):

| S.No | Title of the Project | Funding Agency | Duration | Total Amount |
|------|---|--|--|--------------|
| 1 | Vermicompost as Soil Supplement to Enhance Biometric, Yield and Biochemical Analysis of Selected Medicinal Plants | ADU - In House Project | 4 months | Rs. 20,000/- |
| 2 | Growth of Vegetable crops using Vermicompost | Avinashilingam Institute for Home Science and Higher Education for Women | 4 months December 2016 to March 2017 | Rs. 20,000/- |

(xi) Seminars / Conferences / Workshops organized (2013-2018)

| Sl. No. | Nature of Training (Academic/Administration) | Theme | Name of the Institution | Duration | |
|----------------------------|--|--|---|--------------------------------|--------------------------------|
| | | | | From | To |
| Workshop/Conference | | | | | |
| 2013 | | | | | |
| 1 | Organizing Committee Member | National Conference on Biodiversity and Ecotourism | Department of Botany and Tourism Management, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | 7 th January 2013 | 8 th January 2013 |
| 2015 | | | | | |
| 2 | Organizing Committee Member | International Conference on Translational Cancer | Avinashilingam Institute for Home Science and Higher | 14 th December 2015 | 16 th December 2015 |

| | | | | | |
|-------------|--------------------------------|---|--|--------------------------------------|--------------------------------------|
| | | Research ICTCR 2015 | Education for Women | | |
| 2016 | | | | | |
| 3 | Organizing Committee Member | One Day Student Workshop on Biodiversity of Medicinal Plants | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women | 14 th December 2016 | 14 th December 2016 |
| 2017 | | | | | |
| 4 | Organizing Committee Member | One Day Student Workshop on Cultivation of Medicinal Plants and its Importance | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women | 6 th September 2017 | 6 th September 2017 |
| 5 | Organizing Committee Member | DST-CURIE sponsored two day National Conference on Medicinal Plant Research and Translational Trends MPRTT 2017 | Department of Biochemistry, Chemistry, Zoology and Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | 18 th December 2017 | 19 th December 2017 |
| 2018 | | | | | |
| 6 | Organizing Committee | One Day Student | Department of Botany, | 20 th February | 20 th February |

| | | | | | |
|--|--------|--|--|------|------|
| | Member | Workshop on Opportunities through Mushroom Cultivation | Avinashilingam Institute for Home Science and Higher Education for Women | 2018 | 2018 |
|--|--------|--|--|------|------|

(xii) Seminars / Conferences / Workshops attended (2013-2018)

| S.No | Conference / Seminar / Workshops | Title of the programme | Organized by | Date |
|------|----------------------------------|--|--|---|
| 1. | Workshop | National Work shop on Generation and Validation of MCQs | Avinashilingam University, Coimbatore | 1 st & 3 rd , July, 2013 |
| 2. | Training Programme | Training Programme on Public speaking Event management and team work, | Avinashilingam University, Coimbatore. | 19 th & 20 th November, 2013, |
| 3. | Workshop | National Work shop on Intellectual Property Rights IPR | Avinashilingam University, Coimbatore | 15 th March, 2014 |
| 4. | Methodology workshop | Three days Out bound Residential workshop on” Generation and validation of MCQS for online tests | Karl Kubel Institute for Developmental Education, Mangarai, Coimbatore | 1 st & 3 rd July, 2013 |
| 5. | Training Programme | Three days training programme on Plant Taxonomy | Institute of Forest Genetics and Tree Breeding, Coimbatore | 23 rd to 25 th February, 2015 |
| 6. | Lecture | Salim Ali Memorial Lecture on GM Crops in India By Dr. Prabakaran Nair | Centre for Orinthology, natural History held at Central Academy for State forest service forest college Campus, R S Puram, Coimbatore. | 18 th December, 2015 |

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|-----|--|--|---|--|
| 7. | Conference | International Conference on Translational Cancer Research 2015 ICCR (2015). Cutting Edge Sciences in Cancer research | UGC Sponsored, Avinashilingam Institute for Home Science and Higher Education for Women , Coimbatore | 14 th and 16 th December, 2015 |
| 8. | Training Programme | Three days Training Programme on “Biological Diversity Act 2002” | Institute of Forest Genetics and Tree Breeding, Coimbatore | 17 th to 19 th February, 2016. |
| 9. | Faculty Development programme | Faculty Development Programme on Stress Management | Organized by IQAC & Department of Psychology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | 20 th October, 2016. |
| 10. | Workshop | One day Student Workshop on “Biodiversity of Medicinal Plants” | Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore | 14 th December, 2016. |
| 11. | Training Programme | Three days Training Programme on “Biological Diversity Act 2002” | Institute of Forest Genetics and Tree Breeding, Coimbatore | 1 st to 3 rd February, 2017. |
| 12. | Refresher Courses | Seminar evaluation UGC sponsored Refresher course in Biosciences for University and College teachers | UGC – Human Resource development center at Bharathidasan University, Trichirapalli. | 11 th November, 2017 |
| 13. | Methodology workshop | One day Workshop on Intellectual Property Rights and Patenting | DST CURIE II Phase and Internal Quality Cell, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. | 20 th August, 2017 |
| 14. | Faculty Development programme Resource Person | One day District level mentor planning meeting (content Enrichment Training for PG Teachers) | Institute of Education and Training, Raja Street, Coimbatore. | 11 th September, 2017 |

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|-----|-------------------|--|--|---|
| 15. | Conference | Two day National conference on medicinal plant research and Translational trends. | Highlights on Herbal garden of Avinashilingam Institute for Home Science and Higher Education for Women. | 18 th to 19 th December, 2017 |
| 16. | Workshop | Two day workshop on “ New Frame work of NAAC – Accreditation and Institutional preparedness” | Internal Quality Assurance Cell, Avinashilingam Institute for Home Science and Higher Education for Women. | 13 th to 14 th August, 2018 |

(xiii) Awards / Achievements / Recognitions (2013-2018) : **

(xiv) Invited Talks (2013-2018) :

“Highlights on Herbal Garden of Avinashilingam Institute for Home Science and Higher Education for Women” - Two day National conference on medicinal plant research and Translational trends on 18th to 19th December, 2017

(xv) Visits Abroad (2013-2018) : Nil

(xvi) Additional Responsibilities (2013-2018)

** Chairperson for the Board of studies in Botany

- Academic Council member
- Herbal garden In charge
- Screening committee member for Assistant Professor at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.
- Selection committee on 4-10-2017 for Assistant Professor of Botany of Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.
- Member of NAAC Committee of Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.

Signature of the staff