

## BIO DATA

- |                               |   |
|-------------------------------|---|
| 1. NAME:                      | : M.P. SIVASANKARI  |
| 2. QUALIFICATION              | : M.Sc., M.Phil.,   |
| 3. DESIGNATION &DEPARTMENT    | : ASSISTANT PROFESSOR IN BOTANY   |
| 4. AGE & DATE OF BIRTH        | : 41 Years , 09.07.1978   |
| 5. SEX                        | : FEMALE  |
| 6. PERMANENT ADDRESS          | : 8/1,PasumponStreet,Maruthupandian Nagar,<br>B.B.Kulam, Madurai- 625 002 |
| 7. ADDRESS FOR COMMUNICATION  | : 8/1,PasumponStreet,Maruthupandian Nagar,<br>B.B.Kulam, Madurai- 625 002 |
| 8. EDUCATIONAL QUALIFICATION: |   |

| S.No | COURSES | SUBJECT | YEAR OF COMPLETION | INSTITUTION                    | GRADE/ PERCENTAGE                  |
|------|---------|---------|--------------------|--------------------------------|------------------------------------|
| 1    | Ph. D   | BOTANY  | Pursuing           | Bharathiar University          |                                    |
| 2    | M.Phil. | BOTANY  | 2001               | Thiagarajar College, Madurai.  | 76% - First class with Distinction |
| 3    | M.Sc.   | BOTANY  | 2000               | The American College, Madurai. | 79% - First class with Distinction |
| 4.   | B.Sc.   | BOTANY  | 1998               | Lady Doak College, Madurai.    | 82% - First class with Distinction |

9. Research Work / Experience : 13 yrs  
   { 8 years (2001-2009) -Guided UG & PG projects }  
   { 5 years (2015- till date)- Guided PG projects }
10. Recognized Research guide : yes/no    -no
11. Area of Specialization : Plant Tissue culture, Phytochemistry &  
    Environmental Microbiology
- 12. Teaching Experience**

| S. No. | Designation         | Place                                       | Duration            | No. Of Years    |
|--------|---------------------|---|---------------------|-----------------|
| 1.     | Assistant professor | Lady Doak College,Madurai.                  | June 2001-July 2009 | 8 yrs,1 month   |
| 2.     | Assistant professor | M.V.M.Govt.Arts college for women, Dindigul | July 2009-Aug. 2010 | 1 year, 1 month |

|                                  |                     |  |                     |                           |
|----------------------------------|---------------------|--|---------------------|---------------------------|
| 3.                               | Assistant professor | Govt.Arts college for women,Pudukkottai.           | Aug.2010- Aug. 2012 | 2 years                   |
| 4.                               | Assistant professor | Sri Meenakshi Govt.Arts college for Women,Madurai. | Aug.2012- Till Date | 7 years, 5 months         |
| <b>Total Teaching Experience</b> |                     |  |                     | <b>18 years, 7 months</b> |

Passed "**STATE LEVEL EDUCATIONAL TESTING**" (SLET) in Botany conducted by Bharathidasan University, Trichy (1999).

**Current Position :**

Assistant Professor , Department of Botany,  
Sri Meenakshi Govt.Arts College for Women, Madurai.

**Publications in International Journals:**

1. M.P.Sivasankari.,A.Sankaravadivoo,(2015), “Studies on Anti-microbial activity of *Ziziphus mauritiana* Lam.” *International journal of ayurveda and pharma research* ,3(7):52-55. [Impact factor:2.517]
2. Sivasankari, M. P., Sankaravadivoo, A., 2017. Leaf anatomical studies of *Ziziphus mauritiana* Lam. *Int. J. Curr. Res. Biosci. Plant Biol.* 4(8), 73-79. [Impact factor: 1.934]

**13. Orientation / Refresher Courses / Other Programmes & Training :**

| S.No. | Name of the Course | Topic                           | Place   | Period                   |
|-------|--------------------|---------------------------------|---|--------------------------|
| 1     | Orientation        | -                               | Tamilnadu State Council for Higher Education and UGC – Academic Staff College, Madras University, Chennai | 09.07.2009 to 05.08.2009 |
| 2     | Refresher          | Advances in Biological Sciences | UGC Staff Academic College, Madurai Kamaraj University Madurai.   | 03.11.2009 to 23.11.2009 |
| 3     | Refresher          | Advances in Biological Sciences | UGC HRDC, Staff Academic College, Madurai Kamaraj University,Madurai.                                     | 9.3.2018 to 29.3.2018    |

**14. International Level Conference/seminars/Workshops attended :**

| S. No | Conference/ seminar      | Title  | Place   | Period  |
|-------|--------------------------|--|---|---|
| 1     | International Conference | Science, Society and Sustainability                | Lady Doak College, Madurai  | 11 <sup>th</sup> to 13 <sup>th</sup> Jan.2012 |
| 2     | International Conference | Challenges and Opportunities in LifeSciences       | Dept.of Zoology, Sri Meenakshi Govt.Arts College for Women, Madurai                                 | 05.04.2016 and 06.04.2016                     |
| 3     | International seminar    | Recent trends in material science and Applications | Dept. of Physics, Sri Meenakshi Govt.Arts College for Women, Madurai                                | 06.01.2017                                    |
| 4     | International Seminar    | Emerging Trends in Biological Research             | PG and Research Department of Biotechnology & Microbiology, Jamal Mohammed College, Tiruchirappalli | 3.3.2018                                      |
| 5     | International conference | Current Outlook in Biosciences                     | Department of Botany, Government Arts College for Women, Salem                                      | 1.8.2018                                      |

**15. National Level Conference/seminars/Workshops attended :**

| S.No. | Conference/ Seminar/ Workshop attended | Title                                  | Place  | Period               |
|-------|--|--|--|----------------------|
| 1     | National Conference                    | Recent trends in Plant biotechnology   | Dept. of Botany, Lady Doak College, Madurai  | July 17th- 19th 2001 |
| 2     | National Seminar                       | Molecular reproduction and biomedicine | Biotechnology and Microbiology Dept., ANJAC, Sivakasi.   | 12th-14th Oct 2001.  |
| 3     | National level workshop                | Ecology for College Teachers           | Bishop Heber College and OHIO institute, USA at Valparai - Western ghats.                      | 18th - 22nd Aug 2003 |
| 4     | National Seminar                       | Emerging Trends in Microbiology'       | Department of Microbiology, Sri Ramakrishna College of Arts and Science for Women, Coimbatore. | August 24 & 25, 2004 |

|    |                               |   |  |   |
|----|-------------------------------|---|--|---|
| 5  | National workshop             | Environmental Awareness                                     | CPRamasamy environmental education, Chennai  | 7th Feb, 2004                                       |
| 6  | National level workshop       | Techniques In Immunology                                    | Dept. of Microbiology and Biotechnology, Ayya Nadar Janaki Ammal College, Sivakasi.  | 24th to 28th May 2004                               |
| 7  | National Seminar              | Waste Management'   | Centre for Environmental Studies and Lady Doak College, Madurai, and Trust for Research and Education on Environment & Sustainable Development (TREES), Madurai. | 18 <sup>th</sup> & 19 <sup>th</sup> February 2005   |
| 8  | National level workshop       | Techniques in Immunology                                    | Center for Fish immunology and PG Dept. of Zoology & Biotechnology, Lady Doak College, Madurai.  | 30 <sup>th</sup> April to 12 <sup>th</sup> May 2007 |
| 9  | National level workshop       | Capacity building on women managers in Higher Education     | Centre for women Studies, Lady Doak College, Madurai   | 27 to 31 <sup>st</sup> January 2009                 |
| 10 | National Seminar cum Workshop | Nano Medicines  | PG & Research Dept. of Botany, Lady Doak college, Madurai.   | 04.03.2010  |
| 11 | National seminar              | Current Trends in Crystal growth and solar energy           | Dept. of Physics, Sri Meenakshi Govt. Arts College for Women, Madurai  | 22.01.2013  |
| 12 | National level workshop       | Quantitative data analysis using SPSS                       | Dept. of Business Administration, Sri Meenakshi Govt. Arts College for Women, Madurai  | 18.03.2016  |
| 13 | National Level seminar        | Frontiers in Chemistry                                      | Dept. of Chemistry, Sri Meenakshi Govt. Arts College for Women, Madurai  | 05.04.2016 and 06.04.2016                           |
| 14 | National level seminar        | Therapeutic Potential of Low carb-High fat diet an Overview | Dept. of Home science, Sri Meenakshi Govt. Arts College for Women, Madurai   | 07.01.2017  |
| 15 | National level seminar        | Total Quality Management in Higher Education                | Dept. of Business Administration, Sri Meenakshi Govt. Arts College for Women, Madurai  | 23.02.2017 and 24.02.2017                           |
| 16 | National workshop             | The New age Teaching Technology-more humans than ever       | Dept. of computer science and SWAYAM Chapter, Lady Doak College, Madurai   | 20.2.2019   |

|    |                  |  |   |          |
|----|------------------|--|---|----------|
| 17 | National seminar | Artificial intelligence and the future of IT in machine learning age | Dept. of Computer science, Sri Meenakshi Govt.Arts College for Women, Madurai | 1.4.2019 |
|----|------------------|--|---|----------|

**16. State Level Conference/seminars/Workshops attended :**

| S.no | Conference/ symposia/ Seminar/ Workshop attended | Title   | Place  | Period   |
|------|--|---|--|--|
| 1    | State Level Inter collegiate PG Seminar          | Recent Advances in Microbiology and Biotechnology           | Lady Doak College, Madurai.  | 7&8th Sep. 2001                                    |
| 2    | State Level Seminar                              | Recent trends in Biological sciences                        | Dhanalakshmi Srinivasan College of Arts & science for women, Perambalur. | 19th - 21th Feb, 2002.                             |
| 3    | State level workshop                             | 'Mushroom Cultivation'                                      | Agricultural College & Research Institute, Madurai                       | Dec 16th, 2002.                                    |
| 4    | State level workshop                             | 'Human Effectiveness'                                       | Lady Doak College, Madurai.  | 28th & 29th Nov 2003.                              |
| 5    | State level workshop                             | Counselling skills and development                          | Lady Doak College, Madurai.  | 4th-6th Dec 2003                                   |
| 6    | State Level Seminar                              | Environmental education and action                          | Center for Environmental Studies, Lady Doak College, Madurai             | 19 <sup>th</sup> Feb 2004.                         |
| 7    | State Level Seminar                              | Being an effective teacher                                  | Faculty Development Centre, Lady Doak College, Madurai                   | 1 <sup>st</sup> June to 10 <sup>th</sup> June 2006 |
| 8    | State Level Seminar                              | Effective teaching of value based courses                   | Lady Doak College, Madurai.  | 9 <sup>th</sup> & 10 <sup>th</sup> June 2008       |
| 9    | Regional level workshop                          | Rediscovering the magic of millets                          | Dept.of Home science, Sri Meenakshi Govt.Arts College for Women, Madurai | 31.01.2013   |
| 10   | State Level Seminar                              | Ecoconservation of Biodiversity for sustainable Development | Dept.of Botany, Sri Meenakshi Govt.Arts College for Women, Madurai       | 08.02.2013   |

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| 11 | State Level Seminar | Biodiversity:Current Status and Prospects                               | Dept.of Botany, Sri Meenakshi Govt.Arts College for Women, Madurai                  | 20.02.2015 |
| 12 | State Level Seminar | Quality Enhancement in Higher Education                                 | Internal Quality Assurance cell, Sri Meenakshi Govt.Arts College for Women, Madurai | 26.02.2015 |
| 13 | State Level Seminar | Opportunities and Challenges in the emerging spaces of Higher Education | Internal Quality Assurance cell, Sri Meenakshi Govt.Arts College for Women, Madurai | 4.9.2019.  |

#### **Paper presentation in national conference/seminars:**

1. **M.P. Sivasankari**(2017),”Zucchini- the versatile vegetable”,in **National level seminar on ‘Therapeutic potential of low-carb high-fat diet – an overview’** organized by Dept.of Home science, Sri Meenakshi Govt.Arts College for Women, Madurai on 7.1.2017.
2. P. Susithra, **M.P. Sivasankari** (2005). “A study on lipase activity by solid state fermentation using selected agro wastes and oil mill wastes”. **In: National Level Seminar on ‘Waste Management’** held at Lady Doak College, Madurai on 18<sup>th</sup> and 19<sup>th</sup> February 2005.
- 3.Swornalatha, S. Kousalya and **M.P.Sivasankari** (2004), “Bio-pulping of selected agrowastes using *Phanerochacte chrysosporium* and *pleuratus florida*. **“In: National Symposium on Current Scenario in Microbial Technology”** on September 28-29, 2004, Organised by PG & Research Department of Botany & Microbiology, Jamal Mohammed College, Trichy.
- 4.P. Susithra and **M.P. Sivasankari** (2004), “Production of fungal Lipases by solid state fermentation”. **In: National Symposium on Current Scenario in Microbial Technology** on September 28-29, 2004, Organised by PG & Research Department of Botany & Microbiology, Jamal Mohammed College, Trichy.
5. **M.P.Sivasankari**,S.A,Jemima.(2003).” Evaluation of *Pseudomonas fluorescens* as a fertilizer and its antagonistic influence on soil microflora.”**In: National conference on Frontiers in Biotechnology (BIOGEM'03)** on July 21st to 23rd 2003, Organised by the Dept. of Biotechnology and Microbiology, J.J.College of arts and Science, Pudukkottai.
- 6.S.Kalpana, **M.P.Sivasankari**.(2002).” Engeering Microbes in detergent production” **In:The proceedings of the Integrated science National Meet for college students** on 6th & 7th Dec 2002, Conducted by Womens Christian College,Chennai.
7. **M.P.Sivasankari**, G.C.Abraham and S.Baburaj (2001) “Invitro investigations on plant species with therapeutic chemicals’. **In: National Seminar on “Molecular reproduction and Biomedicine - 2001”** organised by the Biotechnology & Microbiology Departments of Ayya Nadar Janaki Ammal College, Sivakasi from 12th to 14th Oct. 2001.

8. **M.P.Sivasankari**, S.Premalatha, N.Kalidhasan and G.C.Abraham (1999), "Embryo rescue and plant development in *Couroupita guianensis* Aubl." In: **National Conference on "Biotechnology: Hitherto and Henceforth"** held at The American College, Madurai on 28th-30thDec.1999.
9. **M.P.Sivasankari** and Rachel Regi Daniel (1999). "Diminishing trends in nodulation efficiency of UV-B irradiated *Rhizobium*". In: **National Conference on "Biotechnology: Hitherto and Henceforth"** held at The American College, Madurai, on 28th-30thDec.1999.
10. S.Premalatha, N. Kalidasan, **M.P Sivasankari** and G.C Abraham (1999), "Invitro Germination and Plant Recovery in *Kigelia pinnata* DC." In: **National Conference on "Biotechnology: Hitherto and Henceforth"** held at The American College, Madurai, on 28th-30thDec.1999.
11. N. Kalidasan, S. Premalatha, **M.P Sivasankari**, G. Grace Lydial Pushpalatha and G.C Abraham (1999) "A Technique to Circumvent Phenolic Oxidation and Browning of Media" In: **National Conference on "Biotechnology: Hitherto and Henceforth"** held at The American College, Madurai, on 28th-30thDec.1999.

**Paper presentation in international conference/seminars:**

1. Presented a research paper entitled "GC-MS analysis of ethanol extract of *Ziziphus mauritiana* Lam. Leaves" in the on 3.3.2018 organized by PG and Research Department of Biotechnology & Microbiology, Jamal Mohammed College, Tiruchirappalli-620 020.
2. Presented a research paper entitled "Pharmacognostic studies of the leaves of *Ziziphus mauritiana* Lam." in the International conference on 'Current Outlook in Biosciences-2018' on 1.8.2018 organized by Department of Botany, Government Arts College for Women, Salem-636 008.

**Conference/seminars/workshops organized:**

| S.No. | Conference /Seminar    | Title   | Place   | Period  |
|-------|------------------------|---|---|---|
| 1.    | National Conference    | Recent trends in Plant Biotechnology              | Lady Doak College, Madurai  | July17th - 19th 2001                              |
| 2.    | State Level Seminar    | Recent Advances in Microbiology and Biotechnology | Lady Doak College, Madurai  | 7&8th Sep. 2001                                   |
| 3.    | National Level Seminar | Waste Management'                                 | Centre for Environmental Studies and Lady Doak College, Madurai, and Trust for Research and Education on Environment & Sustainable Development (TREES), Madurai | 18 <sup>th</sup> & 19 <sup>th</sup> February 2005 |

|    |                     |  |  |                           |
|----|---------------------|--|--|---------------------------|
| 4. | State level Seminar | Eco conservation of Biodiversity for Sustainable Development | Dept. of Botany, Sri Meenakshi Govt.Arts college for Women,Madurai | 8 <sup>th</sup> Feb. 2013 |
|----|---------------------|--|--|---------------------------|

17. Reviewer for International / National State Level Conferences : ----

| S.No. | Conference | Title | Place |
|-------|------------|-------|-------|
|       |            |       |       |
|       |            |       |       |
|       |            |       |       |

18. Chair Person for International / National / State Conferences : ----

| S.No. | Conference | Title | Place |
|-------|------------|-------|-------|
|       |            |       |       |
|       |            |       |       |
|       |            |       |       |

19. Invited Talks Delivered International / National / State Level Conference ----

| S.No. | Conference | Title | Place |
|-------|------------|-------|-------|
|       |            |       |       |
|       |            |       |       |
|       |            |       |       |

20. Books Published -----

| S.No. | Publisher Name | ISBN / Year |
|-------|----------------|-------------|
|       |                |             |
|       |                |             |
|       |                |             |

21. Technical Talks Delivered :

| S.No. | Resource Person | Title  | Place   |
|-------|-----------------|--|---|
| 1.    | Resource Person | CSIR-NET coaching for the faculty and research scholars of Dept. of Botany,Zoology and Biotechnology | Lady Doak college,Madurai on 19.9.2015.                       |
| 2.    | Resource Person | Go-Green Technology in NSS-Swach Bharat Programme.   | Sri Meenakshi Govt.Arts college for Women,Madurai on 5.8.2019 |



22.GUIDANCE FOR M.Phil: ----

| S.No. | NAME OF THE STUDENT | M.Phil | UNIVERSITY | YEAR |
|-------|---------------------|--------|------------|------|
|       |                     |        |            |      |
|       |                     |        |            |      |
|       |                     |        |            |      |
|       |                     |        |            |      |

24.GUIDANCE FOR Ph.D UNDER MADURAI KAMARAJ UNIVERSITY,MADURAI -----

| S.No. | NAME | TITLE | STATUS |
|-------|------|-------|--------|
|       |      |       |        |
|       |      |       |        |
|       |      |       |        |

25.OTHER RESPONSIBILITIES HOLD IN SERVICE( CURRENT/ PREVIOUS):

| S.No. | NAME OF THE SERVICE/COMMITTEE | PLACE   | PERIOD                      |
|-------|-------------------------------|---|-----------------------------|
| 1.    | Career Guidance Committee     | Sri Meenakshi Govt.Arts College for Women,Madurai | 2012-2014<br>2018-till date |
| 2.    | UGC-Autonomy Committee        | Sri Meenakshi Govt.Arts College for Women,Madurai | 2014-2017                   |
| 3.    | Union Incharge                | Govt.Arts College for Women,Pudukkottai           | 2011-2012                   |
| 4.    | Fine Arts Coordinator         | Govt.Arts College for Women,Pudukkottai           | 2010-2011                   |
| 5.    | Admission coordinator         | M.V.M.Govt.Arts College for Women,Dindigul.       | 2009-2010                   |

26. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS:

| S.No. | NAME OF THE SERVICE/COMMITTEE                  | PLACE                      | PERIOD    |
|-------|--|----------------------------|-----------|
| 1.    | Curriculum Development Committee               | Lady Doak College, Madurai | 2007-2009 |
| 2.    | Coordinator, Environmental Awareness Programme | Lady Doak College, Madurai | 2003-2005 |
| 3.    | Part IV-EAP Committee                          | Lady Doak College, Madurai | 2001-2007 |

## 27.AWARDS/MEDALS RECEIVED

- **Dr. M.R. JAMES GOLD MEDAL** awarded for **Proficiency in Botany in P.G. Programme** during the academic year 2000-2001.
- **Prof. EDWIN PRIZE** secured for Proficiency in **Best Laboratory skills in P.G. Programme** during the academic year 1999-2000.
- **THE PETER ISSAC PRIZE** secured for **Proficiency in Botany in P.G. Programme** during the academic year 1998-2000.
- **CERTIFICATE OF MERIT** for second position in Laboratory skills in B.Sc., Botany Programme during the academic year 1997-1998.
- **CERTIFICATE OF MERIT** for first and second rank in optional and ancillary courses in B.Sc., Botany Programme during the academic year 1996-1997.
- **CERTIFICATE OF HONOUR** for consistent and creditable performance in academic and co-curricular activities in Lady Doak College during 1995-1998.
- **MISS WILCOX MATHEMATICS PRIZE** awarded for obtaining centum in S.S.L.C. in 1993.

## 28.MEMBERS IN PROFESSIONAL BODIES---

## 29.RESEARCH PROJECTS---

| S.N o. | Academic Year | CONFERENCE |               | Attended / Presented | Journal  |               | Attended / Presented | Refresher / Orientation | Project | Responsible Person |
|--------|---------------|------------|---------------|----------------------|----------|---------------|----------------------|-------------------------|---------|--------------------|
|        |               | National   | International |                      | National | International |                      |                         |         |                    |
|        |               |            |               |                      |          |               |                      |                         |         |                    |
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