

Faculty Profile

1. **Name** : Dr. J. Sundari
2. **Designation** : Assistant Professor
3. **Department** : Botany
4. **Age & DOB** : 41 & 11.05.1980
5. **Date of first appointment** : 02.01.2013
6. **Date of joining in govt. service** : 02.09.2013
7. **Educational Qualification** : M.Sc., M. Phil., Ph .D



| Degree / Diploma / Certificate | Subject | Name Of The Institution | Year Of Passing | Remarks |
|--------------------------------|---------|--|-----------------|---------|
| Ph. D., Botany | Botany | Department of Botany, Annamalai University Annamalai Nagar. Chidambaram. | June 2012 | - |
| M. Phil., Botany | Botany | Department of Botany, Annamalai University Annamalai Nagar. Chidambaram. | Feb 2008 | - |
| M. Sc., Botany | Botany | Department of Botany, Annamalai University Annamalai Nagar. Chidambaram. | May 2006 | - |
| B. Sc., Botany | Botany | Department of Botany, Periyar Arts and Science College, Cuddalore. | Oct 2003 | - |

8. Academic/Teaching Experience

| S. NO. | INSTITUTION | FROM – TO |
|--------|--|--------------------------|
| 1. | LNG College Ponneri. | 02.01.2013 to 30.08.2013 |
| 2. | A.D.M.College for women (Autonomous), Nagapattinam | 02.09.2013 to 17.03.2022 |

9. Area of specialization

Algae, Bryophytes, Pteridophytes, Gymnosperms Biotechnological approaches in Ethno-Medicine

10. Area of Research Interest: Algae Biotechnology

11. Seminars/Conferences/Workshops Organized

| S. NO. | PROGRAMMES | ORGANIZED BY | DATE |
|--------|---|---|-------------|
| 1. | Application of Science and Technology for Rural Areas (ASTRA) Programme on “Edible Mushroom Cultivation” | Department of Botany, A.D.M.College for women (Autonomous), Nagapattinam, | 04.02.2019 |
| 2. | Application of Science and Technology for Rural Areas (ASTRA) Programme on “Organic Farming Techniques” | Department of Botany, A.D.M.College for women (Autonomous), Nagapattinam, | 07.02.2019. |
| 3 | Exnora and Environmental Education Club Organises a webinar on “Organic Farming” | Department of Botany, A.D.M.College for women (Autonomous), Nagapattinam, | 03.09.2021 |

12. Membership in Academic/Professional Bodies

Board of Studies member for I. B.Sc., Zoology at A.D.M.College for women (Autonomous), Nagapattinam, from 2014 to 2022.

13. Campus Leadership

1. Board of Studies Chairmen of A.D.M College
2. Academic Council Member
3. Department Association Co-Ordinator
4. Exnora & Environmental Education Club Co-Ordinator
5. Green Clean campus Co-Ordinator
6. Garden incharge
7. I have attended Training Programme in District Institute of Education and Training on 25.09.2013 in Tamilnadu.

8. Acted as Resource Person on 09.10.2014 to 10.10.2014 for PG Teacher Skill Development Programme at Myladudhurai conducted by District Institute of Education and Training in Tamil Nadu.
9. Acted as a Judge for the Science Exhibition Conducted by the Jaya Matriculation School, Nagapattinam. On 2016
10. Member in the Village adaption scheme from 2014 to 2017
11. Internal Examiner in A.D.M. College.
12. Tutor for UG Class
13. Department of Botany conducted Drawing competition on 09.03.2022

14. Seminars/Conferences/Workshops attended

| S. NO. | PROGRAMMES | ORGANIZED BY | DATE |
|--------|---|--|---|
| 1. | National Seminar on “ Climate Change and Environmental Challenges ” | Department of Botany, Annamalai University, Tamilnadu, | 7 th – 8 th March, 2009 |
| 2. | International conference on “ Recent Trends in Biotechnology ” –RTB’10 | Department of Plant Biology and Plant Biotechnology, Holy Cross College (Autonomous), Nagercoil, Tamilnadu. | 13 th January, 2010 |
| 3. | National Seminar/ National Seminar cum workshop on “ Recent Trends in Plant Science Research ” | Department of Botany, Annamalai University, Tamilnadu | 18 th – 20 th February, 2010 |
| 4. | National workshop on “ Recent Trends in Nano-Biotechnology and Nanotechnology Instrumentation ” | Department of Plant Biology and Biotechnology Presidency College and Sophisticated Analytical Instrument Facility IIT, Chennai, Tamilnadu. | 17 th – 19 th September, 2009 |
| 5. | “ Antioxidant properties of <i>Jatropha curcas</i> Linn. National Conference on Emerging Trends in Plant Science ” | Department of Botany, Periyar University, | January, 30 th , 2012. |

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| 6. | Commercial Plant Tissue Culture and Gene Transfer Techniques in plants (STTS – 2012). | Department of Plant Science, School of Life Science, Bharathidasan University, Tiruchirappalli, Tamilnadu. | 12 th – 25 th March, 2012 |
| 7. | Certificate course (Short Term Course) on “ Quality Research Proposals ” | Bharathidasan University, Tiruchirappalli, Tamilnadu. | 12.07.2014 to 13.07.2014 |
| 8. | Participated in the National workshop on “ Research Methodology ” | Arignar Anna Government Arts and science College, Karaikal | July 23 rd to 25 th , 2014. |
| 9. | Participated in the International Webinar on “ Plant Molecular Biology in Space ” | Department of Botany and Bio-informatics, Nirmala, College for Women, Coimbatore | 14.05.2020. |
| 10. | Attended COVID - 19 online Quiz | National Service Scheme of A. V. C. College (Autonomous), Mannampandal, Mayiladuthurai | 15.05.2020. |
| 11. | Attended Covid - 19 Awareness Quiz | The American College, Madurai | 16.05.2020. |
| 12 | Participated in the International Webinar on Alzheimer type 2 Astrocytes in Neurological disorders | T.B.M.L college, porayar | 28.05.2020. |
| 13. | Participated in the Seven days Faculty Development Programme organized by the | Department of Biochemistry, Auxilium College (Autonomous), Vellore, Mission on Education through ICT, MHRD, Govt. of India. | |

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| 14 | Participated in the International Webinar on Biotechnology Application Areas and Development Process | Directorate of Distance Education – Biotechnology wing, Alagappa University, Karaikudi | 31.05.2020 to 02.06.2020. |
| 15. | Participated in the International Webinar on Synergistic efforts of Academicians and Industrialists in combating COVID-19 using Luminescence ST. | Pious X Degree & PG College For Women, Hyderabad | 02.06.2020. |
| 16 | Attended Seven days Faculty Development Programme | SNMV College of Arts and Science Institute of Management.. Coimbatore, | 08.06.20 to 15.06.20. |
| 17 | Participated in the Webinar on PENDEMIC – Past, present and future with special reference to Covid -19 | Department Science and Technology, Govt. of India, (TNSCST). | 09.06.2020 |
| 18. | Attended National Level online Quiz on Zoology | Shiva Bhanu Kshatriya College, Aruppukotta | 18.06.2020 to 20.06.2020. |

15. Orientation/Refreshment Courses

| S. NO. | PROGRAMMES | THEME | ORGANIZED BY | YEAR |
|-----------|---------------------------|------------------------------------|---|---------------------------------|
| 1. | Orientation Course | General | Bharathidasan University Khajamalai Campus, Trichy-620023. | 20.05.2014 to 16.06.2014 |
| 2 | Short Term Course | Quality Reseach Methodology | Bharathidasan University Khajamalai Campus, Trichy-620023. | 12.07.2014 to 13.07.2014 |
| 3. | Refresher Course | Life Science (ID) | Bharathidasan University Khajamalai Campus, Trichy-620023. | 08.11.2016 To 28.11.2016 |

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| 4. | Refresher Course | Disaster Management (MD) | Madurai Kamaraj University | 08.12.2021 to 21.12.2021 |
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16. Papers Presentation

| S. NO. | NAME OF THE PAPER | ORGANIZED BY | DATE |
|---------------|---|--|--|
| 1. | Antibacterial activity of <i>Jatropha curcas</i> | Department of Botany Annamalai University Annamalai Nagar, Chidambaram. | 21.03.2017 To 22.03.2017. |
| 2. | Roll of Algae in Fish Feeding | A.D.M.College for women (Autonomous), Nagapattinam. | 13.03.2020 To 14.03.2020 |

17. Papers Publications

| S.No | Article | Name of the Journal | Year |
|-------------|---|--|---|
| 1. | Electron microscopic studies and X-Ray microanalysis of <i>Sargassum</i> species | Seaweed Res. Utiln., | ISSN – 31 (1&2) : 85 – 94, 2009. |
| 2. | “Anatomical and chemical studies on <i>Sargassum</i> species using Electron microscope and X-Ray microanalysis”. | <i>Seaweed Res. Utiln</i> | ISSN - 32 (1&2): vol - 7 – 13. |
| 3. | “Antibacterial and antifungal activity of seed extract from <i>Jatropha curcas</i> Linn” | <i>International Journal of Current Research</i> | ISSN - 3(6): pp. 084-087. |
| 4. | “Antibacterial and Antioxidant potential of root | <i>Journal of Pharmacy</i> | ISSN - 4: 0974 – 6943. |

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| | bark extracts from <i>Jatropha curcas</i> (Linn)” . | <i>Research.</i> | |
| 5. | “In vitro evaluation of antibacterial and antifungal activity of <i>Jatropha curcas</i> Linn” | <i>Romanian Journal of Plant Biology.</i> | ISBN - 57(1): pp. 34 - 37 |
| 6. | “<i>Jatropha curcas</i> leaf and bark fraction protects Ultraviolet radiation–B induced DNA damage in human peripheral blood” . | <i>Environmental Toxicology and Pharmacology.</i> | PP - 36 (2013) 875-882. |
| 7. | Bharathi Oru Thiranaivalar | Mahakavium izhai perarachium | ISBN – 978-81-930633-2-3 (V - 4) |

18. Any Other

- ❖ One day seminar on **“Legal Advice to Self Help Group”** Women of Nambiyar Nagar, at Nagapattinam on 07.01 2014.
- ❖ Various competitions to the school children in connection with 65th Republic Day celebrations on 26.01.2014 at Municipal various competitions to the school children in connection Middle School, Nambiyar Nagar, Nagapattinam.
- ❖ Various competitions to the school children in connection with 68th Independence Day celebrations on 15.08.2014 at Municipal Middle School, Nambiyar Nagar, Nagapattinam.
- ❖ Village Adoption Scheme Awareness Programme on **Dengue fever** on 05.10.17.
- ❖ Village Adoption Scheme Social work at **Temple Cleaning** on 05.10.17
- ❖ Village Adoption Scheme Awareness Programme on **Herbal Medicine** held on 07.02.2018

- ❖ Village Adoption Scheme Awareness Programme on **Eradication of Plastic** held on 01.08.2018.
- ❖ Village Adoption Scheme **Coastal Cleanup Programme** on 02.10.19.
- ❖ Village Adoption Scheme Social works at **Temple Cleaning** on 09.10.19.
- ❖ Awareness Programme on **Traditional Medicine and its fundamentals** on 28.02.2020.
- ❖ Awareness Programme on **Be Happy & Always Be Happy** on 03.03.2020
- ❖ Awareness Programme on **Save Water and Save Life** on 22.03.2021.
- ❖ Awareness Programme on Premonition of covid-19: Issuing of Herbal medicine to the medicine to the Nagapattinam Public on 21.01.2022
- ❖ Awareness Programme on Omit the Omicron in Mass on 22.01.2022
- ❖ Awareness Programme on **Adopting Trees** on 24.2.2022.