

FACULTY PROFILE

Name : DR. T. SHIBILA
Designation : Assistant Professor
Department : Botany
Date of Joining : 21.03.2022
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Educational Qualifications:

Degree	Subject	Institution	Year Completed
Ph. D	Botany	Centre for Plant Biotechnology St. Xavier's College Palayamkottai Manonmaniam Sundaranar university, Tirunelveli	2018
M. Phil	Botany	St. Xavier's college (Autonomous), Palayamkottai. Manonmaniam Sundaranar University, Tirunelveli	2013
M.sc	Plant Biology and Plant Biotechnology	St. Xavier's college (Autonomous), Palayamkottai. Manonmaniam Sundaranar University, Tirunelveli	2012
B.sc	Plant Biology and Plant Biotechnology	St. Xavier's college (Autonomous), Palayamkottai. Manonmaniam Sundaranar University, Tirunelveli	2010

Specialization in Teaching:

Plant Diversity, Plant Tissue Culture, Plant Physiology

Specialization in Research:

Pteridology, Plant Tissue Culture, Molecular Plant biology, Phytochemical studies,

Research Interests:

Integrative Study of Pteridophytes

Other Work Experience:

Designation	Institution/ Company	Year
Junior Project Fellow (SERB sponsored project)	Centre for Plant Biotechnology, St. Xavier 's college(Autonomous), Palayamkottai, Tirunelveli – 627 002	Aug. 2013 – Jul. 2016
Research Associate (CSIR sponsored Project)	Centre for Plant Biotechnology, St. Xavier 's college(Autonomous), Palayamkottai, Tirunelveli – 627 002	Jun. 2017 – March 2018
Assistant Professor in Environmental science	Sri Paramakalyani Centre for Environmental Sciences MS University Alwarkurichi – 627412	July 2018 - May 2019 July 2019- May 2020 Sep 2020 - May 2021
Assistant Professor in Plant Science	Department of Plant Science Manonmaniam Sundaranar University Tirunelveli - 627012	September 2021 – March 2022
Assistant Professor in Botany	Department of Botany The American College, Madurai	from March 2022

Publications:

International Journals:

Shibila T and Johnson M. 2015. Effect of plant growth regulators on vegetative propagation of *Pteris multiaurita* J. Agardh. *The Indian fern journal*, 32:31- 35.

Johnson M, Revathy I, **Shibila T** and Janakiraman. 2015. Effect of auxins on vegetative propagation of *Elaphoglossum stigmatolepis* (Fee) T. Moore and *Lepisorus nudus* (Hook.) Ching. *The Indian fern journal*, 32:11-16.

Johnson M, Dominic Rajkumar S, **Shibila T**, Ravi Pratap G, Shashank Kumar S and Shobhit Kumar S. 2016. Interspecific variation studies on medicinally important species of *Adiantum* using SDS PAGE. *The Indian fern journal*, 33: 55-60.

Johnson M, Kalaiarasi V, Narayani M, **Shibila T** and Revathy I. 2015. Antibacterial, Cytotoxic and Larvicidal Potential of *Dictyota bartayresiana* Lamour. *Journal of Coastal Life Medicine*, 3(5): 352-355.

Dominic Rajkumar S, Johnson M, **Shibila T**, Shashank Kumar S, Shobhit Kumar S and Ravi Pratap G. 2015. Poly Acrylamide Gel Electrophoretic Studies on *Ampelopteris proliferata*, *Ophioglossum petiolatum* and *Marsilea minuta*. *International Journal of Current Microbiology and Applied Sciences*, 5(2): 149-153.

Shibila T, Johnson M, Revathy I, Narayani M and Utchimahali M. 2014. Phytochemical profile of *Biophytum sensitivum* DC (Oxalidaceae). *World journal of pharmacy and pharmaceutical sciences*, 3(8): 1885 – 1894.

Asha Kanimozhi S, Johnson M, Chandra Kala P, **Shibila T** and Revathy I. 2014. Extracellular synthesis of silver nanoparticles from a marine alga, *Sargassum polycystum* C. Agardh and their biopotentials. *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(8): 1885 – 1894.

Johnson M, Esakkiammal @ Devi. S, Janakiraman. N, **Shibila. T** and Revathi. I. 2014. Phytochemical studies on *Stoechospermum marginatum* (ag.) Kuetz using UV-Vis and HPLC profile. *International journal of research in engineering and bioscience*, 2 (6): 189- 202.

Shibila T, Johnson M, Narayani M and Revathy I. 2014. Phytochemical studies on *Polygonum glabrum* Willd. *European Journal of Molecular Biology and Biochemistry*, 1(3): 81- 87.

Chandra Kala P, Johnson M, **Shibila T** and Revathy I. 2015. Synthesis and Characterization of Cytotoxic Silver Nanoparticles Using Marine Brown Seaweed *Sargassum johnstonii* Setchell & N.L.Gardner. *World Journal of Pharmaceutical Research*, 4(9): 1545-1555.

Johnson M, **Shibila T**, Revathy I, Utchimahali M and Ramesh M. 2015. Biopotency of *Biophytum sensitivum* DC. *Research in Pharmacy*, 42-48.

Johnson M, Dominic Rajkumar S, **Shibila T**, Shobhit Kumar S, Ravi Pratap G and Shashank Kumar S. 2015. Title protein Expression Studies on Medicinally Important Three Species of *Nephrolepis* from Gorakhpur, Uttar Pradesh. *International Journal of Research in Engineering and Bioscience*, 3(4): 55-59.

Johnson M, Dominic Rajkumar S, **Shibila T**, Shashank Kumar S, Shobhit Kumar S and Ravi Pratap G. 2015. Proteomic Expression Studies on Gametophytes With Juvenile Sporophytes and Matured Sporophytes of Selected Pteridophytes From Gorakhpur. *International Journal of Research in Engineering and Bioscience*, 3(5): 36- 41.

Johnson M, **Shibila T** and Revathy I. 2015. Green synthesis of silver nanoparticles using *Dictyota bartayresiana* J. V. Lamouroux and their cytotoxic potentials. *International Biological & Biomedical Journal*, 1(3): 1-6.

Chandra Kala P, Johnson M and **Shibila T**. 2015. Green Synthesis of Silver Nanoparticles Using Marine Brown Algae *Sargassum swartzii* (Turner) C. Agardh and its Cytotoxic Activity. *International Journal of Research in Engineering and Bioscience*, 3(4): 75- 85.

Shibila T and Johnson M. 2016. Ex situ conservation of endangered fern *Elaphoglossum nilgiricum* (Krajina Ex Sledge and Bonner) T.Moore Ex Alston & Bonner using *in vitro* spore culture. *Austin Journal of Biotechnology and Engineering*, 3(2): 1064 – 1067.

Johnson M, Vidyarani George, **Shibila T**, Laly Joseph and Anees A. 2016. A Biochemical approach for the identification of selected *Diplazium* species using protein profiles. *International Journal of Research in Engineering and Bioscience*, 4(2): 21-26.

Johnson M, Anees A, **Shibila T**, Laly Joseph and Vidyarani George. 2016. Inter-Specific variation studies on *Microlepidium* using Protein profile. *International Journal of Research in Engineering and Bioscience*, 4(2): 39-46.

Johnson M, Chandrakala P and **Shibila T**. 2017. Cytotoxic effect of fucoxanthin isolated from selected *Sargassum* species of South East coast, India. *International journal of complementary & Alternative medicine*, 10 (1): 1 – 3.

Johnson M, Ramakrishnan P, Perumal S and **Shibila T**. 2017. Anti-inflammatory activity of selected pteridophytes from Western Ghats. *International journal of complementary & Alternative medicine*, 9 (4): 1 – 3.

Johnson M, Amutha, **Shibila T** and Janakiraman N. 2017. Green synthesis of silver nanoparticles using *Cyathea nilgirensis* Holttum and their cytotoxic and phytotoxic potentials. *Journal of Particulate Science and Technology*, 34(6): 578- 582.

Johnson M and Shibila T. 2018. In vitro spore culture and ontogeny of *Elaphoglossum stigmatolepis* (Fee) Moore. *Phytomorphology*, 68: 1(2): 35- 38.

Johnson M, Raj GA, **Shibila T**, Ramakrishnan P, Menezes IRA, Costa JGM and Coutinho HDM. 2019. Utilization of SDS- PAGE and histochemistry for pharmacognostical studies on selected mangroves and halophytes from the Pichavaram, South India. *Environment, Development and Sustainability*, 1- 12.

Johnson M, Kanimozhi SA, Malar TRJJ, **Shibila T**, Freitas PR, Tintino SR, Menezes IRA, Costa JGM and Coutinho HDM. 2019. The antioxidative effects of bioactive products from *Sargassum polycystum* C. Agardh and *Sargassum duplicatum* J. Agardh against inflammation and other pathological issues. *Complementary therapies in medicine*, (46): 19- 23.

Johnson M, Shibila T, Amutha S, Menezes I, Costa J, Sampaio N and Coutinho H. 2020. Synthesis of silver nanoparticles using *Odontosoria chinensis* (L.) J. Sm. and evaluation of their biological potentials. *Pharmaceuticals*, (13): 66.

Johnson Marimuthu, Shibila Thangaiah, Amutha Santhanam and Vidyarani George. 2021. Evaluation of cytotoxic effect of silver nanoparticles (AgNP) synthesized from *Phlebodium aureum* (L.) J. Smith Extracts. *Anti-cancer agents in medicinal chemistry*, 21, 1-7.

Editor:

Editor in “Recent advances in working with Ferns: Biotechnology, Propagation, medicinal and environmental Uses” – Springer Nature Publisher (2020- 2022)

Books:

Johnson Marimuthu, Helena Fernandez, Ashwani Kumar, **Shibila Thangaiah** (eds). (2022). “**Ferns: Biotechnology, Propagation, Medicinal Uses and environmental Regulation**”. Singapore: Springer Nature Publisher. <https://doi.org/10.1007/978-981-16-6170-9>.

Paper published in book as chapter:

- Johnson M, Esakkiammal Devi S, Janakiraman N, **Shibila T** and Revathy I, UV- Vis and HPLC studies on *Amphiroa anceps* (Lamarck) Decaisne, In: In: V. K. Gupta, G.D. Singh, S. Singh, A. Kaul, Medicinal Plants: Phytochemistry, Pharmacology and Therapeutics Daya Publishing House, New Delhi, 2015; Vol. 4: 477- 488.
- Revathy I, Johnson M, **Shibila T**, Narayani M and S. Ramalakshmi. Inter-specific variation studies on *Cissus* species using Histochemical and SDS-PAGE, In: V. K. Gupta, and A. Kaul, Utilization and Management of Medicinal Plants, Daya Publishing House, a division of Astral International Pvt. Ltd., New Delhi, 2016; Vol. 3: 53- 67
- **Shibila T** and Johnson M. Invitro propagation of epiphytic fern species. Springer Nature Publication (In press)
- **Shibila T** and Johnson M. (2022). In vitro propagation of epiphytic fern species. En J. Marimuthu, H. Fernández, A. Kumar, S. Thangaiah (eds). Ferns: biotechnology, propagation, medicinal uses and environmental regulation (pp. 249-260). Singapore: Springer
- Johnson, M., Fernández, H., **Shibila, T.** (2022). Apogamy, apospory, somatic embryogenesis and vegetative propagation of ferns. En J. Marimuthu, H. Fernández, A. Kumar, S. Thangaiah (eds). Ferns: biotechnology, propagation, medicinal uses and environmental regulation (pp. 285-307). Singapore: Springer

Presentations in Conferences/ Seminars:

1. Johnson M and **Shibila T**. Effect of indole -3- butyric acid on vegetative propagation of *Elaphoglossum stelligerum* (Wall. Ex Baker). Moore ex Alston & Bonner and *Phlebodium aureum* (L.) J. Smith. National symposium on “Pteridological studies in India: Perspectives and Modern approaches in relation to environment & Climate change” February 22nd and 23rd 2018.

2. Johnson M, Vidyarani George, **Shibila T** and Adaikalaraj G. Biochemical variation studies on the silver and golden ferns. National symposium on “The genomic age challenges and opportunities in taxonomy and biology of Indian pteridophytes”. March 3 - 4, 2017.
3. Johnson M and **Shibila T**. Histochemical studies on *Pteris biaurita* L., *Pteris multiaurita* Ag. and *Pteris vittata* L. National symposium on “The genomic age challenges and opportunities in taxonomy and biology of Indian pteridophytes”. March 3 - 4, 2017.
4. Anees A, **Shibila T**, Vidyarani George, Adaikalaraj G and Johnson M. Histochemical studies on selected *Microlepia* species. National symposium on “The genomic age challenges and opportunities in taxonomy and biology of Indian pteridophytes”. March 3 - 4, 2017.
5. Vidyarani George, **Shibila T**, Anees A, Adaikalaraj G and Johnson M. Histochemical studies on selected *Bolbitis* species. National symposium on “The genomic age challenges and opportunities in taxonomy and biology of Indian pteridophytes”. March 3 - 4, 2017.
6. **Shibila T**, Johnson M, Adaikalaraj G, Anees A and Vidyarani George. Effect of plant growth regulators on vegetative propagation of *Pteris otaria* Beddome. National symposium on “The genomic age challenges and opportunities in taxonomy and biology of Indian pteridophytes”. March 3 - 4, 2017.
7. Revathy I, Johnson M, **Shibila T**. Silver nanoparticles synthesis of *Laurencia papillosa* (C. Agardh) Greville and its Cytotoxic potentials Proc. National Seminar on Conservation and Sustainable Utilization of Marine Resources. 2015; 70- 73.
8. Sai Lakshmi, G., Johnson, M., Revathy, I and **Shibila, T**. Green synthesis of silver nanoparticle and its characterization in *Lobophora variegata* J. V. Lamouroux. Proc. National Seminar on Conservation and Sustainable Utilization of Marine Resources, 2015; 90- 93.
9. **Shibila, T** and Johnson, M., Green synthesis of Silver nanoparticles and evaluate the cytotoxic potentials of *Laurencia pedicularioides* Borgesen., Proc. National Seminar on Conservation and Sustainable Utilization of Marine Resources; 2015; 74- 77.
10. Utchimahali M, Johnson M, Revathy I, **Shibila T**. Green synthesis of silver nanoparticle and its characterization in *Stoechospermum marginatum* (C. Agardh) Kutzing , Proc. National Seminar on Conservation and Sustainable Utilization of Marine Resources, 2015; 108 - 110.
11. Ramya M, Johnson M, **Shibila T**. Synthesis of Bionanoparticles using aqueous extracts of *Spatoglossum asperum* J. Agardh, Proc. National Seminar on Conservation and Sustainable Utilization of Marine Resources. 2015; 104- 107.

12. Sai Lakshmi, G., Johnson, M., Laly Joseph., Revathy, I and **Shibila. T.** Histochemical studies on *Asplenium* species from Wayanad, Western Ghats, India. , Outreach ISRA journal, 2015; Vol. 7:218- 222
13. Vidyarani George, M., Johnson, M., Laly Joseph., **Shibila, T** and Revathy, I., Histochemical studies on Maiden Hair Ferns of Wayanad, Western Ghats, India. , Outreach ISRA journal, 2015; Vol. 7: 249- 253
14. Utchimahali, M., Albert, M., Johnson, M., Revathy, I and **Shibila. T.** Leaf and root extract mediated green synthesis of silver nanoparticles from *Polygonum glabrum* Willd: synthesis, characterization and toxicity analysis. Outreach ISRA journal, 2015; Vol. 7: 223- 231
15. Ramya, M, Johnson, M, **Shibila, T**, Revathy, I and Utchimahali, M., Histochemical studies on *Laurencia pedicularioides* Borgesen and *Stoechospermum marginatum* C. Agar. Outreach ISRA journal, 2015; Vol. 7: 232- 235.
16. **Shibila, T** and Johnson, M. Biochemical expression studies on different developmental stages of *Pteris multiaurita* J. Agardh. Proc. UGC Sponsored National seminar on “Plant Genetic Resources: Utilization and Conservation” organized by VOC College, Tuticorin on 12 – 13th February.
17. Johnson M and **Shibila T.** Green synthesis, cytotoxicity and phytotoxicity on selected plants of Euphorbiaceae. Proc. Zoology Congress on Sustainable living environment for all creatures 2018; 25.
18. Silvia Juliet I, **Shibila T**, Sundari S and Johnson M. Inter- Specific variation studies on Adiantum using SDS- PAGE. National conference on “Current Trend’s in Biological Sciences” organized by St. Xavier’s Palayamkottai on 13th & 14th March 2019.
19. Vidyarani George, **Shibila T**, Janakiraman N, Laly Joseph and Johnson M. Protein profiles and inter- specific variation studies on *Tectaria* species. National conference on “Current Trend’s in Biological Sciences” organized by St. Xavier’s Palayamkottai on 13th & 14th March 2019
20. Johnson M and **Shibila T.** Green synthesis and cytotoxicity activities on *Pteris multiaurita*. Proc. on “Current trends in Biological sciences” at St. Xavier’s College, Palayamkottai on 06 and 07th February, 2020.
21. **Shibila T** and Jeganath S. Floristic diversity and their medicinal values of South Mulli Hill region at Alwarkurichi, Tirunelveli District, Tamil Nadu, India. International conference on “Unifying Biology through Diversity” (ICUBD- 2022) organized by The American College, Madurai on 14th & 15th October, 2022.
22. **Shibila T, Rajkumar Immanuel S, Hari Vel Murugan C, Nithish Kumar C** and Rakeshwaran P. Green synthesis of copper nanoparticles and cytotoxicity assay of *Hemionitis arifolia* (Burm.F.)T.Moore. International conference on “Plant Science and Sustainability – ICPSS’ 24) organized by PG & Research department of Botany, Holy Cross College (Autonomous), Tiruchirapalli on 16th December 2024.

Other Activities / Academic Credentials:

S. No	Name of Prize	Awarding Agency	Year
1.	Academic IInd rank in Undergraduate	St. Xavier's college (Autonomous), Palayamkottai.	2007 - 2010
2.	Academic Ist rank in Postgraduate	St. Xavier's college (Autonomous), Palayamkottai.	2010 - 2012
3.	Academic Ist rank in M. Phil	St. Xavier's college (Autonomous), Palayamkottai.	2013

- **Received Best Paper presentation Award** for Biochemical expression studies on different developmental stages of *Pteris multiaurita* J. Agardh. in the UGC Sponsored National seminar on “Plant Genetic Resources: Utilization and Conservation” organized by VOC College, Tuticorin on 12 – 13th February 2015.

Seminar/conference/symposia and workshop Attended:

1. National Seminar on "Shrinking Wetlands! Raising Global Temperature!!" Organized by the Department of Botany, Rani Anna Govt. College for Women, Tirunelveli on 21st July 2011.
2. Seminar on “E-Resources For Research Scholars” organized by the Department of Library, St. Xavier's College, Palayamkottai on 24th September 2012.
3. National Seminar on “Sustainable Energy for Development - Opportunities and Challenges Ahead” Organized by the Department of Botany, St. Xavier's College, Palayamkottai on 13th & 14th December, 2012.
4. National seminar on “Materials and Nanomaterials” Organized by the Department of Physics St. Xavier's College, Palayamkottai on 7 & 8th March 2013.
5. National seminar on Innovative Research Trends in Herbal System of Medicine Organized by the Department of Botany, Sarah Tucker College, Tirunelveli on 5th April, 2013.
6. Participated DBT Sponsored short term training programme on hands on training in Plant Biotechnology held at St. Xavier's College, Palayamkottai on 19th August to 06th September 2013.
7. State level seminar on “Herbal Research Methodology” Organized by the Department of Botany, St. Mary's College, Thoothukudi on 08th January 2014.

8. Lecture workshop on “Biodiversity and its conservation” Organized by the Department of Botany St. Xavier’s College, Palayamkottai sponsored by INSA, New Delhi on 7 & 8th August, 2014.
9. National seminar on “Conservation and Sustainable utilization of Marine resources” Organized by the Department of Zoology, T.D.M.N.S College, T.Kallikulam sponsored by UGC on 22nd and 23rd January 2015.
10. National seminar on “Plant genetic resources: Utilization and conservation” Organized by the Department of Botany, V. O. Chidambaram College, Thoothukudi sponsored by UGC on 12th and 13th February 2015.
11. Participated in the DST – SERB and UGC sponsored workshop “Advances in Microscopy Histochemistry and Plant Microtechniques” at Manonmaniam Sundaranar University, Tirunelveli on 19 to 21st December 2016
12. National conference on “Recent trends in Plant Sciences” Organized by the Department of Botany St. Xavier’s College, Palayamkottai sponsored by UGC on 1 & 2nd January, 2017.
13. International seminar on “Global climate change current trends and management” Organized by Research Centre for Plant Sciences, Department of Botany, St. Mary’s College, Thoothukudi on 12th September 2017.
14. Participated in “Creation of scientific awareness” programme supported by Tamilnadu State Council for Science and Technology, Chennai and organized by St. Xavier’s College, Palayamkottai on 30th November, 2017.
15. Zoology Congress on “Sustainable living environment for all creatures” Organized by the Department of Zoology, St. Xavier’s College, Palayamkottai on 10 to 12th January, 2018.
16. Science Academies Lecture Workshop on “Plant Taxonomy: Concerns and Strategies” Organized by the Department of Botany St. Xavier’s College, Palayamkottai on 12 and 13th February, 2018
17. International Seminar on “Prevention and Control of Communicable Diseases” Organized by the Department of Microbiology, Sri Paramakalyani College, Alwarkurichi on 6 – 7th February 2019.
18. UGC and CSIR sponsored 2nd National Conference on “Current trends in biological sciences” Organized by the Department of Botany St. Xavier’s College, Palayamkottai on 06 and 7th February, 2020.
19. National webinar on “Nanomaterials - Current trends and future applications” Organized by the Department of Chemistry, Saranathan College of Engineering, Trichy on 11th and 12th October 2021.
20. Ten days National level lecture series (online) Organized by the Department of chemistry with IQAC, Nabira Mahavidyalaya, Katol on 21st January to 30th January 2022.

21. Attended “Online Lecture series in Cryptogamic Botany” Organized by the Department of Botany, Shivaji University, Kolhapur, Maharashtra (India) on 3rd and 4th February 2022.
22. National webinar on “Systems Biology” Organized by the Department of Botany, The American College, Madurai on 12th August 2022.
23. International Conference on “Unifying Biology through Diversity” (ICUBD- 2022) Organized by the Department of Botany, The American College, Madurai on 14th & 15th October 2022.
24. Participated in the One day Workshop on “Art and Science of Methodical Scientific Writing & Publishing in a High Impact Journal” organized by the Internal Quality Assurance Cell (IQAC), The American College, Madurai, Tamil Nadu held on 6th March 2023.
25. Participated in the National Workshop on “Skills in Ferns Identification and Conservation” (SFIC-23) organized by the Postgraduate and Research Department of Botany, The American College (Autonomous), Madurai, Tamil Nadu held on 14 September 2023.
26. Participated one day National Level Faculty Workshop on “UGC Guidelines for R& D Cell Establishment and IKS Integration in Curriculum” organized by FDP DIVISION, A.C.T Academy Kerala Unit on 28th February 2024.
27. Participated in the International Workshop series on “AIDE – Artificial Intelligence” conducted by the ASIA PACIFIC UNIVERSITY UNESCO Chair, Malaysia organized by The American College and CSI Jeyaraj Annapackiam College of Nursing & Allied Sciences, Madurai from 23rd – 26th November 2024, at The American College, Madurai.

FDP Attended:

- Participated in E-FDP: entitled “Contemporary trends in Pharmaceutical sciences: Endeavoring to create frontline Health professionals” organized by University school of pharmaceutical sciences, Rayat Bahra University- Mohali on 16th – 21st Nov, 2020.
- Participated in FDP: International webinar on “Biological innovations for resource management and sustainable development” Organized by Jamal Mohamed College (Autonomous), Tiruchirappalli on 26th August 2021 Under DBT Star College Scheme
- Participated in the National Level Seven Days Upskilling Faculty Development Programme (Online Mode) Organized by Cluster Department of Life Sciences, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi From 21.02.2024 To 27.02.2024 organized by Ayya Nadar Janaki Ammal College, Sivakasi Under UGC – Autonomy Grant.
- Participated in the National level virtual Faculty Development Program on “Emerging Trends in Plant Sciences” from 4th March to 11th March, 2024 organized by the department of Botany, Bishop Heber College (Autonomous), Tiruchirappalli.

- Participated the Faculty Development Program on “Teaching Learning Process and Prospects in 21st Century class room” organized by All India Association of Christian Higher Education in collaboration with St. Joseph’s College(Autonomous), Tiruchirapalli from 31st May to 2nd June 2024

Details of Seminars, Workshops, Conferences Organized

National Workshop on “**Skills in Ferns Identification and Conservation (SFIC – 23)**” on 14th September 2023 Organized by Postgraduate and Research Department of Botany (Organizing Secretary - **Dr. T. Shibila**)

Faculty Orientation

Participated in the Faculty Orientation Programme organized by the Internal Quality Assurance Cell (IQAC), The American College, Madurai on 20 September 2022.

Participated in the Faculty Orientation Programme organized by the Internal Quality Assurance Cell (IQAC), The American College, Madurai on 09 September 2023.

Training Programs Conducted

I have conducted practical classes for school students in the Young Scientist Programme 2014 phase- II” organized by St. Xavier’s College, Palayamkottai - 21st April to 10th May, 2014