

Faculty Profile

Name : Dr. R. Mercelin Kiruba
Designation : Assistant Professor
Department : Botany
Date of Joining : 22.08.2024
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Educational Qualification

Degree	Subject	College/ University & Place	Year Completed
B.Sc	Botany	Women's Christian College, Nagercoil	2008 - 2011
M.Sc	Botany	Women's Christian College, Nagercoil	2011 - 2013
M.phil	Botany	Scott Christian College, Nagercoil	2013 - 2014
TNSET	Life Science	-	2018
Ph.D	Botany	MS University, Tirunelveli	2024

Specialization in Teaching: Microbiology, Plant Pathology, Horticulture, Ethnobotany

Specialization in Research: Molecular Study, Phytochemistry, Microbiology

Research Interests : Microbiology, Phytochemistry

Publications:

International Journals:

Mercelin Kiruba R and Johnsi Christobel G. 2022. Antioxidant and Anti-inflammatory Activities of *Hydrocotyle verticillata* Methanol Extract. *International Journal of Food and Nutritional Sciences*, 11(12).

Mercelin Kiruba R, Johnsi Christobel G, Josphin mini J, Sankaralingam S, Venkatesh S, Sundari A and Soorya C. 2023. Phytochemical Analysis , Antioxidant and Antimicrobial Activity of Aquatic Plant *Trapa natans* L.-Medicinal Aquatic plant. *Asian Journal of Biochemistry, Genetics and Molecular Biology*, 13(3): 1 – 4.

Mercelin Kiruba R and Johnsi Christobel G. 2023. Preliminary Phytochemical Analysis and Antimicrobial Activity of Leaves of *Hydrocotyle verticillata* Thunb. *Journal of Survey in Fisheries Sciences*, 10(1): 6518 – 6524.

Book Chapters:

Mercelin Kiruba, R (2024). Biodeterioration of leather and leather products. Trends in Environmental Microbiology, ISBN: 978-81-965174-2-7. Chapter 40: 314-321.

Presentations in Conferences/ Seminars:

1. Presented paper on “ Phytochemical screening of leaves extract *Hydrocotyle verticillata*” at KSCSTE- Jawaharlal Nehru Tropical Botanic Garden and Research Institute Palode, Thiruvananthapuram, Kerala, 24th and 25th March 2022.
2. Presented paper on “ Antioxidant activity of different extracts of *Hydrocotyle verticillata* leaves at V.O. Chidambaram College , Thoothukudi, on 30th March, 2022.

Seminars/ Conferences attended:

1. One day webinar on “Biodiversity – Urgent and existential concerns” organised by the Research Department of Botany, St. Mary’s College, Thoothukudi on 10th June 2020.
2. International webinar on “Connecting people with nature” organised by the Department of Botany, Women’s Christian College, Nagercoil on 24th June 2020.
3. National webinar on “Plant Space Biology: Molecular Basis” organized by the Department of Plant Biology and Plant Biotechnology, Women’s Christian College, Chennai on 29th July 2020.
4. Webinar on “Ecosystem Restoration” organized by the Department of Botany and Research Centre of Nesamony Memorial Christian College, Marthandam on 5th June 2021.
5. National level webinar on “ Benthic Productivity in Ocean Hotspot” organised by Department of Zoology & Research Centre & IQAC, Nesamony Memorial Christian college, Marthandam on 8th June 2021.
6. National webinar on “Revisiting Gadgil Report” at Nesamony memorial Christian college, Marthandam on 17th November 2021.
7. International webinar on “ Importance of IP in Scientific Research – An Overview” organised by the Marian Research Forum, St. Mary’s College, Thoothukudi on 1st March 2022.
8. International Seminar on Plant Science Research at Mahatma Gandhi College, Thiruvananthapuram on 3rd and 4th March 2022.
9. International Conference on Recent Progresses in Biological Sciences, at Ayya Nadar Janaki Ammal College, Sivakasi on 5th March 2022.