

Profile



Name : Dr. A. Freeda Rose

Gender : FEMALE

Department : BOTANY

Educational Qualification : M.Sc., (Botany), M.Sc., (Microbiology), M.Phil., Ph. D.

S. No.	Degree / Diploma	Subject / Main	Year of completion/Duration	Name of the College / University
1.	U.G.	Botany	1999	Lady Doak College, Madurai. (Affiliated to Madurai Kamaraj University, Madurai)
2.	P.G.	Microbiology	2001	Ayya Nadar Janaki Ammal College, Sivakasi. (Affiliated to Madurai Kamaraj University, Madurai)
	P.G.	Botany	2011	Holy Cross College, Trichy.
3.	M.Phil.	Microbiology	2008	Periyar University, Salem
4.	Ph.D.	Botany	2019	Department of Botany, St. Joseph's College, Trichirappalli – 620002.
5.	Short term certificate course	“Innovative teaching and Skills for Online Classroom”	10.3.2021 to 17.4.2021	Tamil Nadu Open University, Chennai.

Teaching Experience at Holy Cross College: 9 years and 4 months

Teaching Experience outside Holy Cross College: 4 Years and 8 months

Teaching Experience details:

S. No	Name of the College	Duration	Number of years
1.	Annai JKK Sampoorani Ammal College of Nursing, Komarapalayam, Namakkal.	20.11.2001 to 12.01.2005	3 years and 2 months
2.	PGP College of Arts and Science, Namakkal.	10.7.2006 to 11.01.2008	1 year and 6 months
3.	Holy Cross College, Tiruchirappalli.	22.06.2015 to till date	8 years and 1 month

Total Teaching Experience : 14 years

Journals / Articles Published:

1. Francis Xavier T., Sabitha R., **Freeda Rose A, K.**, Balavivekanandhan S., Kariyat R., Ayyanar M,m Vijayakumar S., Prabhu S., Amalraj S., Shine K and Thiruvengadam M. **2024**. Phytochemical composition, anti-microbial, anti-oxidant and anti-diabetic effects of *Solanum elaeagnifolium* Cav. Leaves: in vitro and in silico assessments. *Journal of Biomolecular structure and Dynamics*. <http://doi.org/10.1080/07391102.2023.2300124>.
2. R. Sabitha, T. Francis Xavier, S. Balavivekananthan, and **A. Freeda Rose**. **2021**. Evaluation of antibacterial activity of leaf and stem extracts of *Oxystelma esculentum* R. Br., against selected pathogenic bacteria. *International Journal of Botany Studies*. 6(5): 1527-1530. ISSN: 2455-541X.
3. R. Sabitha, T. Francis Xavier, S. Balavivekananthan, and **A. Freeda Rose**. **2021**. An influence of coco peat and vermicompost on successful Ex vitro rooting of micropropagated plantlets of *Oxystelma esculentum* R. Br. *International Journal of Botany Studies*. 6(5): 1520-1526. ISSN: 2455-541X.
4. R. Kavitha, Claudio Medoona Rigley, S. Rebekka Salomy, B. Helen Mary Piramila, **A. Freeda Rose**. **2021**. In vitro analysis of antidiabetic and anti-inflammatory activities of selected medicinal plants. *Journal of Pharmaceutical Sciences and Research*. 13(5): ISSN: 0975-1459.
5. Karthika. J, M. Yasodha, B. Helen Mary Piramila, **A. Freeda Rose** and H.D. Subashini, **2019**. Effect of Silver Nanoparticles in Sewage Water Treatment. *Journal of Emerging Technologies and Innovative Research*. ISSN: 2349-5162.
6. **A. Freeda Rose**, S. R. Senthil kumar and T. Francis Xavier. **2018**. Evaluation of *Aristolochia bracteolata* Linn. for antimicrobial activity. *World Journal of Pharmaceutical Research*, Vol. 7. Issue. 13, 1081-1086. ISSN 2277-7105.
7. **A. Freeda Rose**, S. R. Senthil kumar and T. Francis Xavier. **2017**. Clinical profile of oppourtunistic bacterial and fungal pathogens in HIV/AIDS patients of Thuraiyur region of Tiruchirappalli District, TamilNadu. *International Journal of current Research and Academic Review*. 5(9):10-14. ISSN:2347-3215, Impact factor – 2.519
8. **A. Freeda Rose**, S. R. Senthil kumar and T. Francis Xavier. **2017**. In vitro antibacterial activity of clausena dendata (Willd.) m. Roem leaf extracts against oppourtunistic bacterial pathogens of HIV/AIDS patients. *International Journal of current Researach and Academic Review*. 5(9):10-14. ISSN:2347-3215, Impact factor – 2.519.
9. T.Francis Xavier, M.Kannan and A.Auxilia, **A.Freeda Rose** and S.R.Senthil Kumar **2014**. Ethnobotanical study of Kani tribes in Thoduhills of Kerala, South India, *Journal of Ethnopharmacology*, 152:78-90. ISSN 0378-8741(**Impact Factor 3.2**).
10. T. Francis Xavier, VR Arun and **Freeda Rose A**. **2012**. Ethnopharmacological studies on the medicinal plants used by tribal inhabitants of Meenagadi region in Wayanad District of Kerala, South India. *International Journal Of Medicinal Plant Research*. 5: 58-62.
11. **A.Freeda Rose** and A.Roseline, **2012**. Sensitivity profile of bacterial pathogens on *Tinospora cordifolia* (Willd.) Miers, *International Journal of Biology, Pharmacy and Allied Sciences*, 1(11): 1699-1710.

12. T.FrancisXavier, **A.Freeda Rose** and M. Dhivyaa , **2011**. Ethnomedicinal survey of Malayali tribes in Kolli hills of Eastern Ghats of Tamil Nadu, India. Indian Journal of Traditional Knowledge 10(3): 559 – 562 (**Impact Factor 0.8**).

Faculty Development Program attended:

S. No.	Theme	Place	International / National / State level	Year
1.	UGC Sponsored 12 th Faculty Induction Programme	Bharathidasan University, Tiruchirappalli	National	28.10.2022 to 26.11.2022
2.	Online one week faculty Development program on “Advanced Pedagogical Techniques”	Teaching learning Centre, Ramanujan College, University of Delhi. Under Ministry of Education. Obtained A+ Grade.	National	25.06.2022 to 101.07.2022

Resource person:

S. No	Theme/Title	Place	International / National / State level	Year
1.	A special talk on “Entrepreneurial Opportunities and Funding Resources in Medicinal and Aromatic Plants”	HCIIC Holy Cross College (Autonomous) Tiruchirappalli - 620002	Regional	02.08.2022
2.	Workshop on Biochemical Characterization of Bacterial pathogens, Antibacterial studies and Permanent slide preparation	PG and Research Department of Botany, Holy Cross College, Tiruchirappalli.	State Level	21 st & 22 nd August, 2019.
3.	Science Academies ‘Refresher course on Experimental Biology Orthodox to Modern’	PG and Research Department of Botany, St. Joseph’s College, Trichy.	National	2016

Conference/Seminar/Workshop/ Training Programme attended - Academic & General:

S. No	Theme/Title	Place	International / National / State level	Year	Participated/Presented Papers
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1	National conference on Higher Education: Ethics in Academics, Administration, Community, Society Initiatives and Artificial Intelligence Impacts	Centre for Education Beyond Curriculum CHRIST(Deemed to be University) Bangalore Central Campus	National	23.11.2023- 24.11.2023	Participated
2.	Entrepreneurship Orientation program in Medicinal and Aromatic plants - VII (EOPMAP-VII)	Online programme conducted by Medi-Hub Technology Business Incubator, ICAR, Anand, Gujarat.	National	3.7.2023 to 13.7.2023	Participated
3.	International conference on “The transformative power of Value Education for the Development of Youth Today”	Department of Value Education, Holy Cross College (Autonomous), Tiruchirappalli	International	8.2.2023	Participated
4.	International conference on “Environmental Management and sustainable development”	PG Department of Environmental Science, Holy Cross College (Autonomous), Tiruchirappalli	International	24.01.2023	Participated
5.	Oneday conference on challenges and oppourtunities in Life sciences	Organized by School of Life Sciences, Holy Cross College (Autonomous) Tiruchirappalli	National	15.1.2023	Participated
6.	International conference on “Articulating multidisciplinary Research and Grant Proposal”	Srinivasan College of Arts and Science, Perambalur - 621 212	International	19.10.2022 and 20.10.2022	Participated
7.	Webinar on “ Addressing Challenges in higher education through OBE mode”	Holy Cross College, Tiruchirappalli – 2	National	4. 1.2021	Participated
8.	Webinar on “ The implications of NEP 2020 for higher education and role of teachers”	Holy Cross College, Tiruchirappalli – 2	National	25. 8.2020	Participated

9.	FDP Webinar series III	Holy Cross College, Tiruchirappalli – 2	National	13.8.2020 – 18.8.2020	Participated
10.	Webinar on “Phytochemicals as an antibiotic alternative to combat MDR”	Holy Cross College, Tiruchirappalli – 2.	International	16.7.2020	Participated
11.	International Faculty Development Program (FDP) on “Artificial Intelligence and IoT-Heuristic Transdisciplinary perspectives”	Holy Cross College, Tiruchirappalli – 2.	National	4.7.2020 – 10.7.2020	Participated
12.	Webinar on “Wildlife Resources of Oriental Region: Conservation Challenges”	AIMST University - 08100 Semeling, Kedah Darul Aman, Malaysia	International	12.7.2020	Participated
13.	Webinar on “Simple perspectives of Glycosciences”	Holy Cross College(Autonomous), Tiruchirappalli,	National	30.6.2020	Participated
15.	Webinar on “Healthy food against COVID 19”	Queen Mary’s College, Chennai.	National	19.6.2020	Participated
16.	Webinar on “In vitro production of secondary metabolites”	Holy Cross College, Tiruchirappalli – 2.	National	16.6.2020	Participated
17.	Webinar on “Protecting Research Inventions through Intellectual Property Rights”	Holy Cross College, Tiruchirappalli – 2.	National	17.6.2020	Participated
18.	Online workshop on “Virtual teaching- A Paradigm shift from offline to online teaching”	Holy Cross College(Autonomous), Tiruchirappalli,	National	15.6. 2020, 17. 6. 2020 & 19.6.2020 (3 days)	Participated

19.	Webinar series II on “STRIDE Tutorial on Transdisciplinary Research”	Holy Cross College, Tiruchirappalli – 2.	National	11.6.2020	Participated
20.	Webinar on “Discover your values – COVID 19”	Holy Cross College, Tiruchirappalli – 2.	National	10.6.2020	Participated
21.	Webinar on “Obesity and its role in Breast Cancer”	Holy Cross College, Tiruchirappalli – 2.	National	6.6.2020	Participated
22.	Webinar on “Seed and Weed-Nurturing the relationship”	Holy Cross College, Tiruchirappalli – 2.	National	2.6.2020	Participated
23.	Biochemical Characterization of Bacterial pathogens, Antibacterial studies and Permanent slide preparation	PG and Research Department of Botany, Holy Cross College, Tiruchirappalli.	State Level	2019	Resource person 21 st & 22 nd August, 2019.
24.	Scientific Research and Education in Today’s Scenario	PG and Research Department of Botany, Holy Cross College, Tiruchirappalli.	National Seminar	2019	Participated 13 th & 14 th February, 2019.
25.	Plant tissue Culture, Agrobacterium mediated transformation in plants and Nanotechnology	PG and Research Department of Botany, Holy Cross College, Tiruchirappalli.	State Level	2018	Participated 28 th & 29 th August, 2019.
26.	New Vistas in Life Science	PG Department of Biochemistry, Holy Cross College, Tiruchirappalli	International Conference	2018	Paper presented on <i>In vitro</i> antibacterial screening of leaf extracts of <i>Clausena dendata</i>
27.	Goodness of God and	Department of Value Education, Holy Cross College, Tiruchirappalli	State level inter-collegiate competition and Seminar	2018	Participated 6 th January, 2018.

28.	Biodiversity and Bio Natural products for Welfare	Department of Botany, Govt. Arts College, Kar	International conference	2016	Paper presented on Urinary tract bacterial flora of HIV/AIDS patients of Thuraiyur Region, Trichy District.
30.	Regional workshop Statistical Packages	Department of Statistics St. Joseph's College, Trichy.	Regional	2014	Participated 7th and 8th , March 2014.

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