

FACULTY PROFILE

Name: Mrs.K.C.M.Esther Rani

Designation: Assistant Professor

Department: Botany

Date of Joining: 04.07.2011

Email: estherra023@gmail.com

Educational Qualification: M.Sc.,M.Phil with SET

Academic / administration positions: Coordinator,Department of Horticulture

Area of Specialisation: Environmental Biology,Ethnobotany

Years of Experience: Teaching ____ **11 years** ____ . **Research** ____ **6 yrs** ____ .

(2015-2020)

I. Journal Publications:

1.Social sciences International research journal : Volume 1 Issue 1(2015),ISSN 2395-0544

II. Publications in Book/book chapters and proceedings:

1.Proceedings- International conference on “Women Empowerment & Social Sciences - 2015.

2.Proceedings-International conference on Advanced Functional Materials for Energy,Environment and Biomedical Applications (AFMEEB-2017)

3.Proceedings- International conference on “Innovative and Emerging Trends in Botany (ICIETB-2019)”

III. Doctoral Students:

IV. Research Projects:

V. Seminars / Conferences attended:

International Conferences:

1.Participated in the International conference on “Women Empowerment & Social Sciences - 2015. Presented a paper on “Impact of NGO on the empowerment of rural poor women in Tamilnadu. A case study of Usilampatti block, Madurai district. 5th to 7th March 2015.

2. “New horizons, Emerging Challenges and Recent paradigms in food mediated immunity and their role in human health and longevity” by PG & Research Dept of Zoology & Dept of Immunology & Microbiology, The American College (31st August to 1st September 2016).

3. Presented a paper entitled “Hydrogen Cyanide (HCN) gene detection from *Ralstonia solanacearum* in the International Conference on Advance Functional materials for Energy, Environment and Biomedical Applications (AFMEEB-2017)” on 11th and 12th December, 2017 at Madurai Kamaraj University, Madurai.

4. Presented a paper “Pyrrolnitrin and its bio control potential for the control of wilt pathogen *Fusarium oxysporum*” in the International conference on “Innovative and Emerging Trends in Botany (ICIETB-2019)” organized by the Department of Botany, Alagappa University, Karaikudi on 6th and 7th November, 2019.

National Conferences:

1. “Community Microbial Consortia and the human holobiont - Implications of Yet-unculturable microorganism in systematic health, disease & Personalized medicine” by Department of Immunology & Microbiology, The American College. (7th & 8th December 2015).

2. Presented a paper entitled “Hydrogen Cyanide (HCN) gene detection from *Ralstonia solanacearum* in the International Conference on Advance Functional materials for Energy, Environment and Biomedical Applications (AFMEEB-2017)” on 11th and 12th December, 2017 at Madurai Kamaraj University, Madurai.

3. “Impact of Pollution on Health and Restoration of Quality Environment” Through Biotechnology Applications. PG & Research Dept of Zoology & PG Dept of Immunology & Microbiology, The American College. (2 & 3rd February 2018).

4. Coral reefs: Threats and Conservation CRTS - 2019. by PG & Research Dept of Zoology, The American College on 12th February 2019.

5. Participated on “Recent trends in Modern Immunology” by Dept of Immunology & Microbiology, The American College, 23rd January 2019.

6.Participated “Emerging Trends in Microbiology” by the PG Dept of Immunology & Microbiology, The American College, 12th March 2019.

7.Presented a paper and awarded first prize for oral presentation in "Emerging Trends in Plant Science for sustainable development " organized by the Department of Botany, Bharathidasan University,Tiruchirapalli,on 830th March,2022.

Orientation Programme

Attended one month Orientation programme conducted by UGC,HRDC ,Bharathidasan University, Tiruchirapalli from 20.01.2021 to 18.02.2021.

Refresher course

Participated in fourteen days refresher course conducted by UGC, HRDC, Bharathidasan University, Tiruchirapalli from 05.07.2022 to 18.07.2022 .

Workshops:

1.Tamilnadu Council for Enterprise Devt. (TACED) Madurai, “First milestone workshop on Bonsai, conducted by Mr. K.Sivaji, Bonsai Master & Artist, on 5th September 2015 at Madurai.

2.Two days workshop on Food Technology by Dept of Biochemistry, The American College, Madurai on 15th & 16th September 2015.

3.One day workshop on “Food Technology” by Dept of Biochemistry, The American College, Madurai on 12th September 2017.

VI. Faculty Development Programme:

FDP:

UBCHEA sponsored four day faculty development Program (FDP 2020) on “Emerging leaders of service learning programme (13th - 16th February 2020)”.

VII. Membership in Professional Bodies:

VIII. Resource Person:

IX. Webinars Participated:

1. **“Trends in Plant Biology”** organized by the department of Botany on June 1, 2020.
2. **“Mangrove Environment “** organized by the department of Botany on 5th June 2020.
3. **“Women at Risk Blossom !”**, organized by the Ladies club of The American College on 9th June, 2020.
4. **“Biodiversity-Urgent and Existential concerns”** organized by the PG And Research department of Botany, St. Mary’s College (Autonomous, Thoothukudi on 10th June 2020.
5. **“Issues and Challenges of Climate change on Biodiversity”** organized by PG & Research Department of Botany Kandaswami Kandar’s College, Velur, Namakkal on 11th, 2020.
6. Participated in the Webinat organized by the Ladies club of The American college, Madurai on 7th May, 2020
7. **“Recent Advances in Plant Science Research “**organized by PG and Research department Of Botany, Arulmigu Palaniandavar College of Arts and Culture, Palani on 18th and 19th June, 2020.
8. **“Medicinal plants used in Siddha Formulation currently recommended for COVID 19”**
Organized by the pG department of Chemistry, Sri Meenakshi Government Arts College for women (Autonomous), Madrai, on 6th July, 2020
9. **“Plant Quarantine-Current Status & Challenges”** organized by the Department of Botany, PSG College of Arts andnd Science, Coimbatore on 9th July, 2020.
10. **“Sacred Groves-A Community Approach to Conservation”** organized by the PG & Research de3partment of Botany on 11th, July, 2020.
11. **“Systems Biology”**-National webinar conducted by PG & Research department Department of Botany, The American College on 12th August, 2022.

X. Others:

1. Convenor-Mushroom cultivation unit, The American College, Madurai from 2019-till date
2. Member in Green club, The American college
3. Project Associate-SLP Vaigai Ecology from 2015-till date

4.Member in NAAC Committee (Criteria-I)

5.Member in Audio Visual Committee

6.Project Associate-Service Learning Programme (Vaigai Ecology)

7.President - UG Association,PLASCIA,Department of Botany, The American College