



Name: Dr.Mrs.A.M.Sumithra Bai  
Qualification: M.Sc.M.phil.,Ph.D  
Designation:Assistant Professor  
Years of Experience: UG: 14 PG: 14  
Previous Experience: UG: Staff Trust -7yrs;  
Temporary staff -1yr  
PG: Staff Trust -6 yrs; Temporary staff -1 yr  
Area of Specialization: Invertebrata, Chordata  
Email-ID : [sumithrabai\\_am@ethirajcollege.edu.in](mailto:sumithrabai_am@ethirajcollege.edu.in)

## MEMBERSHIP

| S.No. | Details  | State/National/International |
|-------|--|------------------------------|
| 1     | Life Member of Institute of Researchers (25-10-21) | State-Kerala                 |

## WORKSHOPS

| S.no. | Organized by   | State/National/<br>International | Topic   | Date(s)              |
|-------|--|----------------------------------|---|----------------------|
| 1     | National Institute of Ocean management                             | State                            | Ballast Water Management  | 7-10-2016            |
| 2     | PG and Research Department of Zoology<br>Ethiraj college for women | State                            | Role and responsibilities of teachers in institutional development                              | 18-12-2017           |
| 3     | PG and Research Department of Zoology<br>Ethiraj college for women | State                            | Workshop on molecular techniques  | 7-8-2017 to 8-8-2017 |
| 4     | PG and Research Department of Zoology<br>Ethiraj college for women | State                            | Women empowerment, Intellectual property rights and management stress in academics and research | 1-3-2018             |
| 5     | PG and Research Department of Zoology, Ethiraj college for women   | State                            | One day workshop for faculty  | 2-3-2018             |

|    |  |       |  |                        |
|----|--|-------|--|------------------------|
| 6  | PG and Research Department of Zoology, Ethiraj college for women | State | State level workshop on NAAC regulations – A holistic approach   | 2019                   |
| 7  | PG and Research Department of Zoology, Ethiraj college for women | State | Aqua culture practises – A solution for food and nutrition security  | 9-1-2020 & 10-1-2020   |
| 8  | PG and Research Department of Zoology, Ethiraj college for women | State | National workshop on learning management system and open educational resources- A student centric approach | 25-1-2020              |
| 9  | PG and Research Department of Zoology, Ethiraj college for women | State | E-content development  | 6-7-2020               |
| 10 | PG and Research Department of Zoology, Ethiraj college for women | State | Workshop on genetics and culture of drosophila   | 12-9-2020 to 19-9-2020 |

### CONFERENCES ATTENDED / PRESENTED PAPER

| S.no | Organized by    | State/National/International | Participated/ Presented          | Title   | Date(s)                |
|------|-----------------|------------------------------|----------------------------------|---|------------------------|
| 1    | Ethiraj College | International                | Participated                     | Recent advances in Life Sciences  | 11-2-2016 to 13-2-2016 |
| 2    | Ethiraj College | International                | Presented paper and participated | International conference on biodiversity- strategies for conservation and sustainable utilization | 2-2-2018               |

## SEMINARS

| S.no. | Organized by              | State/national/international | Topic   | Date(s)    |
|-------|---------------------------|------------------------------|---|------------|
| 1     | Ethiraj college for Women | National                     | Aquaculture practices for sustainable development | 14-10-2017 |

## JOURNAL PUBLICATIONS

| S.NO. | JOURNAL NAME   | UGC /SCI/S CIE/ WOS | ISBN / ISSN NUMBER | REFERENCE   | DATE OF PUBLICATION/ DOI |
|-------|--|---------------------|--------------------|---|--------------------------|
| 1     | International Journal of Pharma and Bio Sciences         |                     | ISSN<br>2319-1791  | Preliminary phytochemical screening in two varieties of <i>Ocimum sanctum</i> (Linnaeus,1767) leaf extracts | 2014                     |
| 2     | International Journal of Current Research                |                     | ISSN<br>0975-833X  | Effect of zinc sulphate on the biochemical constituents in the muscle of <i>Poecilia sphenops</i>           | 2014                     |
| 3     | Zoology for future Education and Research                | UGC                 | ISSN<br>2319-1791  | Phytochemical analysis of bioactive compounds in <i>Centella asiatica</i> .                                 | 2015                     |
| 6.    | Journal of Emerging Technologies and innovative research | UGC                 | ISSN<br>2349 -5162 | The effect of Mancozeb on the haematological Parameters of the freshwater Fish <i>Clarius batrachus</i>     | 2019                     |

## FDP/STTP

| S.no. | Organized by   | State/National/<br>International | Topic   | Date(s)                      |
|-------|--|----------------------------------|---|------------------------------|
| 1     | Dr. Ambedkar<br>Govt Arts<br>College and<br><br>ISCA | State                            | Digital technology for teaching of<br>life sciences and humanities    | 21-7-2020<br>to<br>25-7-2020 |
| 2     | Ethiraj college<br>for women                         | State                            | Faculty development workshop on<br>research innovation and creativity | 14-9-2020                    |
| 3     | Ethiraj college<br>for women                         | State                            | Recent trends in molecular<br>biotechnology                           | 3-6-2020<br>&<br>4-6-2020    |
| 4     | Ethiraj college<br>for women                         | State                            | Recasting from onsite to online<br>pedagogy                           | 20-7-2020<br>to<br>24-7-2020 |
| 5     | Ethiraj college<br>for women                         | State                            | Rejuvenation of mind body and<br>soul                                 | 15-6-2020<br>to<br>19-6-2020 |

## WEBINARS [National/International]

| S.no. | Organized by                               | State/National/<br>International | Topic   | Date(s)                     |
|-------|--|----------------------------------|---|-----------------------------|
| 1     | Loyola college,<br>Chennai                 | National                         | Research Methodology                                | 12-6-2020<br>13-6-2020      |
| 2     | Karpagam<br>academy of<br>higher education | State                            | Application of bio informatics in<br>drug discovery | 3-7-2020                    |
| 3     | Govt girls PG<br>college, Ujjain           | National                         | Bio diversity conservation and its<br>management    | 15-7-2020<br>&<br>16-7-2020 |

|    |   |               |   |                              |
|----|---|---------------|---|------------------------------|
| 4  | Dr.Ambedkar<br>Govt Arts college  | State         | National capacity building training<br>on marine biodiversity and its<br>conservation                   | 29-7-2020<br>to<br>31-7-2020 |
| 5  | AIMST Univ  | State         | Wildlife resources of oriental region,<br>conservation challenges delivered by<br>Dr. J. Antony Johnson | 3-7-2020                     |
| 6  | Bhaskar Women<br>Thakur College<br>Yashwant<br>Keshav Patil<br>College, Viva<br>college | State         | Herb and drug interaction   | 6-7-2020                     |
| 7  | Arunai<br>International<br>research<br>foundation and<br>QMC                            | International | Recent trends in Bio science and Bio<br>technology  | 18-7-2020<br>&<br>19-7-2020  |
| 8  | Mycological<br>society of India<br>Mumbai unit  | National      | Mushrooms in human nutrition and<br>health  | 1-7-2020                     |
| 9  | Bharathiyar<br>university   | State         | Sustainable environmental<br>management   | 14-7-2020<br>&<br>15-7-2020  |
| 10 | Ayya Nadar<br>Janaki Ammal<br>college   | National      | Environment and ecosystem in the<br>exsisting Covid 19 era  | 4-6-2020                     |
| 11 | Ethiraj<br>college,PBPB   | State         | Combating ailments by siddha<br>medicine, Acupuncture and varmam  | 5-6-2020                     |
| 12 | Mycological<br>society of India<br>Mumbai unit  | National      | Mycoenzymes in generation of health<br>promoting pre biotics  | 1-6-2020                     |

|    |   |               |                                      |                              |
|----|---|---------------|--------------------------------------|------------------------------|
| 13 | Sathyabama<br>institute of<br>science and<br>technology | State         | Ornamental fish culture and breeding | 15-6-2020<br>to<br>19-6-2020 |
| 14 | Queen Marys<br>College,<br>Chennai.                     | International | Covid-19 Awareness and Prevention    | 5-6-2020                     |

### AWARDS

| S.no. | Organized by                           | State/National/International | Topic                            | Date(s)    |
|-------|--|------------------------------|----------------------------------|------------|
| 1     | Institute of<br>Researchers,<br>Kerala | State                        | Distinguished<br>Professor award | 25-10-2021 |

### BOS MEMBER

| S.no. | Organized by  | State/National/International | Topic | Date(s)                      |
|-------|---|------------------------------|-------|------------------------------|
| 1     | PG and Research<br>Department of<br>Zoology, Ethiraj<br>college for women |                              |       | 2015<br>2018<br>2019<br>2021 |

### External Examiner

Pachiyappas College, Chennai; Loyola College, Chennai; Sri Theagaraya College, Chennai.