



Name : **Dr. ANUSHA BALASINGH**  
Designation : Associate Professor & Dean of Students  
Qualification : M.Sc., M.Phil., Ph.D., PGDMLT.,  
Teaching Experience: 18 years UG: 17 years PG: 15 years  
Previous Experience : 6 years UG: 6 years PG: 2 years  
Area of Specialization: Microbial Genetics, Immunology  
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### MEMBERSHIP

| S.No. | Details   | State/National/International |
|-------|---|------------------------------|
| 1     | Life member Indian Association of Applied Microbiologists | National                     |

### PROJECTS

| S.no. | Title  | Duration  | Funding agency        | Amount sanctioned ( in lakhs) |
|-------|--|-----------|-----------------------|-------------------------------|
| 1     | Fractioning of bioactive compounds from seaweed and evaluation of antiviral properties using cell lines. | 2019-2021 | Ethiraj College Trust | Rs.15,240/-                   |

### WORKSHOPS

| S.no. | Organized by                    | State/National/International | Topic                   | Date(s)        |
|-------|---------------------------------|------------------------------|-------------------------|----------------|
| 1     | IQAC, Ethiraj College for Women | State                        | Performance Enhancement | 9 March 2017   |
| 2     | Ethiraj College for Women       | State                        | Work life balance       | 22August, 2017 |

|    |   |               |   |                             |
|----|---|---------------|---|-----------------------------|
| 3  | Dean of academics and research, Ethiraj College for Women.    | State         | Role and responsibilities of teachers in institutional development                                | 18 December ,2017.          |
| 4  | Department of Microbiology, Ethiraj College for Women         | State         | Microbiological techniques for School students  | 30 and 31 August 2018       |
| 5  | University of Hyderabad, Telangana                            | International | ISME -AMI Pre-Conference Workshop on hands on to Computational Biology for Meta Genomics Analysis | 9 December 2018             |
| 4  | Presidency College & Ethiraj College for Women                | National      | Recent advances in Biological Research Data analysis  | 1,2,4 February 2019         |
| 5  | ECRIC- Ethiraj College for Women                              | State         | Faculty Development Workshop on Research. Innovation and creativity                               | 14 September 2019           |
| 6. | IQAC, Ethiraj College for Women                               | State         | NAAC Regulations: A Aholistic approach  | 12 October ,2019            |
| 7  | Department of Microbiology, Ethiraj College for Women         | State         | Intellectual Property Rights and its implications.  | 22 January ,2020            |
| 8  | IQAC, Ethiraj College for Women                               | National      | Learning Management System and Open educational Resources: A student centric Approach             | 25 January 2020             |
| 9. | Simple Statistics Solution and Training Provider, Tirunelveli | National      | Learning Statistics and Data Analysis Using MS Excel  | 20 Nov 2020, 4 & 5 Dec,2020 |

### CONFERENCES ATTENDED / PRESENTED PAPER

| S.no | Organized by                      | State/National/International | Participated /Presented | Title                                     | Date(s)  |
|------|-----------------------------------|------------------------------|-------------------------|---|----------|
| 1.   | Dr.MGR Janaki College of Arts and | International                | Participated            | Modern Diagnostic tools in health Science | Aug 2016 |

|   |   |               |              |  |                          |
|---|---|---------------|--------------|--|--------------------------|
|   | Science for Women, Chennai  |               |              |  |                          |
| 2 | Justice Basheer Ahmed Sayeed College for Women, Chennai           | National      | Participated | Excellence in Higher Education   | 4th February, 2017       |
| 3 | Department of Microbiology, Ethiraj College for Women, Chennai    | International | Participated | Operons and vaccines   | 4 Dec, 2017              |
| 4 | Department of Microbiology, Ethiraj College for Women, Chennai    | National      | Participated | Trends and Innovations in biological sciences  | 14 and 15, Feb, 2018     |
| 5 | Madras Christian College, Chennai                                 | National      | participated | Microorganisms in human welfare  | 27 and 28 Feb, 2018      |
| 6 | JSS AHER, Mysuru  | National      | Presented    | Human microbiome in personal medicine-bridging humans and microbes for future sustainability | 27 and 28 September 2018 |
| 7 | University of Hyderabad, Telangana.                               | International | Presented    | Host Parasite interactions   | 9-12 December 2018       |
| 8 | Department of Microbiology, Saveetha Dental College and Hospitals | International | Presented*   | Current Research and Developments in Microbiology  | 3, August 2019           |

|    |                             |               |           |  |                  |
|----|-----------------------------|---------------|-----------|--|------------------|
| 9. | Department of Biotechnology | International | Presented | Research innovations and entrepreneurial venues-an outlook<br>ICAB | 19,October, 2022 |
|----|-----------------------------|---------------|-----------|--|------------------|

## SEMINARS

| S.no. | Organized by  | State/national /international | Topic   | Date(s)                      |
|-------|---|-------------------------------|---|------------------------------|
| 1     | IQAC, Ethiraj College for Women                       | National                      | From Potential to excellence to excellence in higher education institutions | 18 & 19 July ,2016           |
| 2     | Department of Microbiology, Ethiraj College for Women | National                      | Career Prospects in Life Sciences   | 31, January, 2017            |
| 3     | University of Hyderabad, Telangana.                   | International                 | Host Parasite interactions  | 9-12 Dec, 2018               |
| 4     | Department of Biochemistry, Ethiraj College for Women | National                      | Health 2020-An Alternative Perspective                                      | 7 <sup>th</sup> January 2020 |
| 5     |   |                               |   |                              |

## CERTIFICATE COURSES /VALUE ADDED COURSES

| S.no. | Offered by   | Topic                         | Duration             |
|-------|--|-------------------------------|----------------------|
| 1     | Moodle   | Learn Moodle 3.11 Basics      | 16 hours             |
| 2     | Swayam Arpit Online Course- National programme on technology enhanced learning conducted by Indian Institute of technology | Patent drafting for Beginners | 16 weeks, May, 2018. |
| 3     | Swayam Arpit Online Course- National programme on technology enhanced learning conducted by Indian Institute of technology | Research Writing              | 16 weeks, May, 2018  |
| 4     | Swayam Arpit Online Course- National programme on technology enhanced learning conducted by Indian Institute of technology | Introduction to Proteomics    | 16 weeks, May, 2018  |

|   |  |                      |                                   |
|---|--|----------------------|-----------------------------------|
| 5 | Microbiology Society of India-certificate course | Mushroom Cultivation | 1 Month, September1-October ,2022 |
|---|--|----------------------|-----------------------------------|

## JOURNAL PUBLICATIONS

| S. no. | Journal name                                   | Ugc /sci/ scie/wos | Isbn / issn Number                       | Reference  | Date of publication/ doi |
|--------|--|--------------------|--|--|--------------------------|
| 1      | Journal of Microbiology research               |                    | ISSN:2394-5478<br>Vol 5, Issue 2:147-150 | Isolation, purification and characterisation of bacteriocin producing <i>Lactobacillus spp</i> and its antimicrobial efficacy against foodborne pathogens. Anupama R, Anusha Balasingh | April -June 2018         |
| 2      | Int. Journal of Life Sciences                  | UGC                | ISSN: 2320-7817<br>6(2):441-445          | Bacteriophage therapy for treating multiple drug resistant urinary tract pathogen, <i>Escherichia coli</i> . Rima Das, Anusha Balasingh, Anupam R                                      | 25-04-2018               |
| 3      | Global journal of bioscience and biotechnology | UGC                | ISSN: 2278-9103,<br>Vol 8(1)2019:29-36   | Bioremediation of crude oil and study of the hydrocarbon degrading isolates, their Biosurfactant activity against human pathogens.   | 2019                     |

## FDP/STTP

| S.no. | Organized by   | State/National/International | Topic   | Date(s)                          |
|-------|--|------------------------------|---|----------------------------------|
| 1.    | Teaching Learning Centre, Ramanujan College, University of Delhi | National                     | MANAGING ONLINE CLASSES and CO-CREATING MOOCS | 2 weeks April 20 - May 06, 2020. |

## WEBINARS [National/International]

| S.no. | Organized by   | State/National/International | Topic   | Date(s)               |
|-------|--|------------------------------|---|-----------------------|
| 1     | Department of Biochemistry, St. Francis college for women Hyderabad titled                       | National                     | Human Coronavirus: Host Pathogen Interaction and Prevention | 30 April,2020.        |
| 2     | Department of Microbiology, Ethiraj College for Women  | National                     | Exploring and Understanding World Pandemics                 | 11.05.2020-13.05.2020 |
| 3     | Department of Computer Science, Ethiraj College of Women in association with Oneyes Technologies | National                     | Usage of ICT tools  | 14May ,2020           |
| 4     | MBA Department, Ethiraj College for Women, Chennai in association with SALIS                     | National                     | Working with Moodle Platform                                | 7th & 8th July, 2020. |
| 5     | Department of Microbiology, Ethiraj College for Women & Clin biocare Technologies                | State                        | Recent trends in Biotechnology opportunities                | 16, May,2020          |
| 6     | Department of Microbiology, EthirajCollege for Women   | State                        | Biology Degrees and Careers at a Glance                     | 23 May,2020           |
| 7     | Department of Microbiology, EthirajCollege for Women   | State                        | Alternative Therapy-A way of Living                         | 25 May-29 May ,2020   |



|   |                                      |          |  |                    |
|---|--------------------------------------|----------|--|--------------------|
| 8 | Dep of Microbiology, Vels University | National | Genomics-Changing the landscape of diagnostics | 30, November, 2021 |
|---|--------------------------------------|----------|--|--------------------|

## AWARDS

- Secured best oral paper award in Micro-summit 2019 organised by the department of Microbiology in Saveetha Dental College and Hospitals conducted on 3 August, 2019.
- Third position in Petri Art Competition in 59 Annual Conference of Association of Microbiologists in India and International Symposium on Host Pathogen Interactions, 09-12 December, 2018, University of Hyderabad, Telangana.
- Fellowship Award-(FIAAM). Indian Association of Applied Microbiologist, 27 September, 2018

## OTHERS

- Doctoral committee member, Sathyabama University for the students in the following departments of
  1. Centre of Waste Management
  2. Centre for Ocean Studies
  3. Centre for Nanoscience and nanotechnology.
- Participated in the Discussion session on “Draft National Education Policy, 2016”, 10 September, 2016 at Madras School of Social works, Chennai.
- Fitness Talk in O2 Health Studio on 15, September, 2018.
- Speaker in the Workshop on Biofilm controlling Nanomaterials (Biocon-2020) on February -17, 2020 under the SPARC program funded by MHRD, Centre of Waste Management and Centre for Nanoscience and Nanotechnology, Sathyabama Institute of **Science and Technology**.
- Guest lecture on Social Psychology and Timeline approaches in HIV infection, Department of Microbiology, Saveetha Institute of Medical and Technical Sciences on 1, December, 2020-World AIDS Day.
- Best oral paper award-Micro-summit-2019, department of Microbiology, saveetha dental College.
- Member in Central Valuation-UG Microbiology, 2023, University of Madras.
- Life member in Indian association of Microbiologists.