



Name : **Dr. ANUSHA BALASINGH**
Designation : Associate Professor & Dean of Students
Qualification : M.Sc., M.Phil., Ph.D., PGDMLT
Teaching Experience: 17 years UG: 17 years PG: 15 years
Previous Experience : 6 years UG: 6 years PG: 2 years
Area of Specialization: Microbial Genetics, Immunology
Email id : anushabalasingh@ethirajcollege.edu.in

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 |

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|----|---|---------------|---|-----------------------------|
| 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 |

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|---|---|---------------|--------------|--|--------------------------|
| | Science for Women, Chennai | | | | |
| 2 | Justice Basheer Ahmed Sayeed College for Women, Chennai | National | Participated | Excellence in Higher Education | 4rth 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 | 14and 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 |

*Best paper award kindly do put asterisk

SEMINARS

| S.n o. | 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 th January 2020 |

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 |

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 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 6(2):441-445 | Bacteriophage therapy for treating multiple drug resistant urinary tract pathogen, Escherichia coli. RimaDas, Anusha Balasingh, Anupam R | 25-04-2018 |
| 3 | Global journal of bioscience and biotechnology | UGC | ISSN:2278-9103, 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 |

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|---|--------------------------------------|----------|--|--------------------|
| 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.