



Name: **Dr.A.Subhashini**

Qualification: **M.Sc., Ph.D., Microbiology, M.Sc., Bioinformatics, SLET**

Designation: **Associate Professor**

Years of Experience: UG: **17 years 6months** PG:**15Years 6months**

Previous Experience: UG: **5 years 3 months** PG: Nil

Area of Specialization: **Medical Microbiology, Bioinformatics**

Email-ID: subhashini_a@ethirajcollege.edu.in

MEMBERSHIP

S.No.	Details	State/National/International
1	Life Member, Indian Science Congress Association	National
2.	Life Member, Indian Association of Applied Microbiologists.	National
3	Life Member, Microbiology Society, India	National

PROJECTS

S.no.	Title	Duration	Funding agency	Amount sanctioned (in lakhs)
1.	Investigation of Chemo-therapeutic potential of L-asparaginase isolated from soil dwelling microorganisms.	1 year (2018-19)	Ethiraj College Trust	15,000/-
2.	Isolation, Molecular Characterization and Anticancer Activity of L-Asparaginase from Soil Bacterial Isolates.	1 year (2019-20)	Ethiraj College Trust	15,000/-

WORKSHOPS

S.no.	Organized by	State/National International	Topic	Date(s)
1	Presidency College, Chennai	National	Application of Bioinformatics in the control of Infectious Diseases by <i>In- silico</i> and <i>invitro</i> Approach	27/01/2016-01/02/2016
2.	Dr Ambedkar Government Arts College, Chennai.	State	Animal cell culture	15/02/2017-16/02/2017
3.	IQAC, Ethiraj College for Women, Chennai.	State	Performance Enhancement	09/03/2017
4.	Ethiraj College for Women, Chennai.	State	Women Empowerment, Intellectual Property rights and Management of Stress in Academics and Research	01/03/ 2018
5.	Biotechnika.	National	Protein Sequencing techniques	23/01/2018
6.	ISAR, Chennai	National	Workshop on Research Methodology, Statistical Analysis and Interpretation	08,09, 10/06/2018
7.	Presidency College Chennai.	National	Protein Bioinformatics	22/01/2019 & 23/01/2019
8.	Ethiraj College for Women, Chennai	State	NAAC Regulations: A holistic Approach	12/10/2019
9.	IQAC	National	Moodle Training	24/01/2020
10.	Ethiraj College for Women, Chennai	National	Learning Management and open Educational resources: A student – Centric Approach	25/01/2020
11.	Ethiraj College for Women, Chennai.	State	Research, Innovation and Creativity	14/09/2019
12.	Organizing Member-Ethiraj College for Women, Chennai.	International	Operons and Vaccines	4/12/ 2017
13.	Organizing Member - Ethiraj College for Women, Chennai	State	Microbial Techniques for School Students	30/08/2018 & 31/08/2018
14.	Organizing Member-Ethiraj College for Women and Presidency College Chennai.	State	Recent advances in biological Research Data Analysis	01/02/2019, 02/02/2019& 04/02/2019
15.	Organizing Member - Ethiraj College for Women, Chennai.	State	Intellectual property rights and their implications.	22/01/2020
16.	CIIC and Exon Biosciences, BS Abdur Rahman Crescent Institute of Science & Technology, Vandalur.	Online – National	R for Biologists	15/05/2021

17	Abdur Rahman Crescent Institute of Science & Technology, Vandalur in Association with Biotech Research Society	National-Online	Innovation in Biotechnology	19/01/2022 & 20/01/2022
18	Iron Lady, India	National-Online	Million Lady at the Top	24/01/2022-26/01/2022

CONFERENCES ATTENDED/PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated / Presented	Title	Date(s)
1	Ethiraj College for Women, Chennai	National	Participated	Potential for Excellence to Excellence in higher Education	18/07/16 & 19/07/2016
2	Dr. MGR Janaki College of Arts and Science for Women	International	Participated	Molecular signature – GenNxt	13/09/17 & 14/09/17
3	Presidency College Chennai	International	Participated	Computer simulation in natural sciences	04/04/2018-06/04/2018
4	16 th IAMM National Conference on at JSS Academy Mysuru	National	Presented	Screening of M RSA in Community	27/09/2018 28/09/2018
5	Ethiraj College for Women, Chennai.	National	Organizing Secretary	National conference on Trends and Innovations in Biological Sciences	14/02/2018 & 15/02/2018
6	Dept of PBPB, Presidency College	International-Virtual	Participated	Novel Biotechnological Approaches to Combat Emerging Diseases with Special focus on SARS associated Coronavirus Pandemic	26/06/2020
7	GARDP and British Society for Antimicrobial Chemotherapy	International-Virtual	Participated	International e-conference on Antimicrobial Chemotherapy	02/02/2022 & 03/02/2022
8	Ethiraj College for Women and MBSI, India.	National	Organizing Member	National Resource Management for Sustainable Future	26.04.2022 & 27.04.2022

9	Ethiraj College for Women and MBSI, India	National	Organizing Member	Integrative approach for conservation of life systems	05.01.2023 & 06.01.2023
10	GARDP and British Society for Antimicrobial Chemotherapy	International-Virtual	Participated	International e-conference on Antimicrobial Chemotherapy	01.02.2023 & 02.02.2023

SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Ethiraj College for Women, Chennai.	National	Career prospects in life sciences	31/01/2017
2	Dept of Biochemistry, Ethiraj College for Women, Chennai.	National	Health 2020- an alternative Perspective	07/01/2020
3.	Ramnaraiyn Ruia Autonomous College, Mumbai	National	Inclusive, Innovative and Sustainable Future of Education NEP-2020	24/05/2020 & 25/05/2020
4.	Department of Biochemistry, NKP Salve institute of Medical Sciences and Research Centre and Lata Mangeshkar Hospital, Nagpur	National	Online CME on Measurement uncertainty in Laboratory Testing	17/02/2022

CERTIFICATE COURSES /VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1	Swayam- IIT, Roorkee	Biomedical Nanotechnology	4 weeks (Aug-Sep 2019)
2	Swayam –IIT Madras	German 1	12 Week Course (Sep-Dec-2020)
3	Swayam –IIT Madras	German 2	12 Week Course (July- Oct-2021)
4	MHRD, India	Teacher and teaching in Higher Education	16 Week Course (Sep-Dec-2019)
5	Swayam –IIT Madras	Emotional Intelligence	(8Week course) Jan-Mar 2022
6	Common wealth of Learning	Understanding Open Education Learning	Feb 14, 2022

7	ICMR and National Institute of Epidemiology	Basic course in Biomedical Research	16 Week course (Sep- Dec 2021)
8	Swayam –IIT Madras	German 3	12 Week course (Jan- April 2022).

JOURNAL PUBLICATIONS

S.no.	JOURNAL NAME	UGC /SCI/ SCIE/ WOS	ISBN/ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1	Ecology Environment and Conservation	UGC	ISSN:0971-765X	Subhashini A, Shivani TM and Ranjani Priya S Insights of Pectinase from Fungi 2022 28(08):S89-S95	Jan 2023 10.53550/EEC.2022.v28i08s.016
2	Conference proceedings of Integrative approach for Conservation of life systems	Conference Proceedings	ISBN: 978-93-91332-50-1	Subhashini A and Abirami D, Green Surfactants from oil Contaminated Soil. IACLS. 2023; CP104-113	05.01.2023
3	Journal of Pure and Applied Microbiology	Scopus and WOS	ISSN: 0973-7510 E-ISSN: 2581-690X	S.Ranjani Priya and A.Subhashini, Characterization and Optimization of Fungal L-Asparaginase Isolated From Soil and Medicinal Plants J Pure Appl Microbiol. 2022;16(1):453-459	https://doi.org/10.22207/JPAM.16.1.43
4.	Research Journal of Pharmacy and Technology	Scopus	0974-3618 (Print) www.rjptonline.org 0974-360X (Online)	Subhashini A and Sangeetha Vani G <i>Pseudomonas montielli</i> -A Potent chemotherapeutic Asparaginase producing organism Isolated from Rhizosphere Soil 2020; 13(2):945-949	DOI: 10.5958/0974-360X.2020.00178.

5.	Genius	UGC	ISSN: 2279-0489	Aswini Vijayakumar, A.Subhashini. Gut Microbiome- A companion or Foe to Health? Genius 2022:X(2):27-49	February 2022
6	IOSR journal of Environmental Sciences, Toxicology and Food Technology	Peer Reviewed	ISSN:2319-2319	Divyalakshmi S, and Subhashini A.Screening and isolation of polyethylene degrading bacteria from various soil environments. IOSR journal of Environmental Sciences, Toxicology and Food Technology;10(12): 2016	Dec 2016
7	International Journal of Science and Research	Peer Reviewed	ISSN:2319-7064	Pavithra S, Prathiba G. Subhashini A. MRSA in Gymnasium Community. Int. J. Sci. Res. 2017; 6(6):2082-2086	June 2016
8	International Journal of Current Microbiology and Applied Sciences	Peer Reviewed	ISSN:2319-7706	Subashini M.S. Rajendran. P., Ashok G. and Kanthesh B.MTLC, FTIR and GCMS analysis of leaves of Gymnema sylvestre R.Br. from Kolli Hills, Tami Nadu, India. Int.J.Curr.Microbiol.App.Sci.2015 4(7):757-764	July 2015
9	International Journal of Current Microbiology and Applied Sciences	Peer Reviewed	ISSN:2319-7706	Subashini M.S. and Rajendran P. In vitro screening of anti HBV and anti HIV properties of Gymnema sylvestre R.Br.leaves from Kolli Hills, Tamil Nadu, India. Int.J.Curr. Microbiol. App.Sci; 2015 4(3):542-547.	March 2015

10	Indian Journal of Medical Research	UGC and Scopus	ISSN: 0971-5916	Alavandi S.V., Subashini. M S and Ananthan S. Occurrence of hemolytic Aeromonas species in domestic water supplies in Chennai. 1999:50-55	1999
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FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Saveetha Engineering College, Chennai.	State	Research Article Writing and Publication.	7/7/2018
2	St.Joseph's College of Engineering.	State	Challenges in Biofuels and bioenergy.	11/11/2019-16/11/2019
3	Sathyabama Institute of Science and Technology in Association with IAAM and California Institute of Science and Medicine, USA	International	Novel Microbes and Newer Threats	11/05/2020 - 16/05/2020
4	Teaching Learning Center Ramanujam College, University of Delhi	National	Managing online classes and Co-Creating MOOCS	20.04.20-6.05.2020
5	Sathyabama Institute of Science and Technology in association with IAAM, California University Of Science and Medicine, USA	International	Practical Bioinformatics on a Wet-Lab Set-Up	11.05.2020-16.05.2020
6	MSME Technology Development Centre(PPDC-Agra) Govt. of India	National	Entrepreneurship Development Program	26.05.2021-30.05.2021
7	Ethiraj College for Women	College	OE Week- A course in LMS	16.02.2022-28.02.2022
8	Ethiraj College for Women	College	Creating and Managing a Course in LMS	11.04.2022-01.05.2022

WEBINARS[National/International]

S.no.	Organized by	State/National/ International	Topic	Date(s)
1	Member- Dept of Microbiology, Ethiraj College for Women	National	Exploring and Understanding World Pandemics	11/05/2020-13/05/2020
2	Member- Dept of Microbiology, Ethiraj College for Women, Clinbio care Technology and Faculty, Cancer Institute, Chennai	State	Recent Trends in Biotechnology and its Opportunities	16/05/2020
3	Member, Dept of Microbiology, Ethiraj College for Women, Chennai	State	Biology Degrees and Careers at a Glance	23/05/2020
4	Member, Dept of Microbiology, Ethiraj College for Women	National	Alternative Therapy- A way of Living	25/05/2020
5	Ethiraj Centre for Research, Innovation & Creativity(ECRIC)	State	Citation Database and Analysis, Scientometric Study	09/06/2020
6	Department of Biochemistry Ethiraj College for Women, Chennai	International	Adapting to the Covid Era	12/06/2020
7	PG Department of Human Rights and Duties Education, Ethiraj College for Women	National	Protection of Human Rights in Times of Pandemic	19/06/2020
8	Internal Quality Assurance Cell	State	Recasting from onsite to online Pedagogy	20/07/2020 to 24/07/2020
9	Department of Biochemistry, Ethiraj College for Women	State	Recent trends in Molecular Biotechnology	03/06/2020 to 04/06/2020
10	Vikasana- Disha Bharat	National	National Educational Policy 2020- A Paradigm shift in Indian Education Scenario	30/04/2021
11	Vihaan Life Sciences and Microbiology Society, India	National	Publication Ready Manuscript	20/12/2021
12	Faculty of Ocean Science and Technology, Kerala University of fisheries and Ocean Technology, Koch	National	Creating Food and Nutrition Security for a Sustainable future	11/01/2022 and 12/01/2022
13	Department of Pharmaceutical Analysis and Department of Pharmacognosy, Sri Vishnu College of Pharmacy, Bhimavaram,	National	Analytical Methods for Stability Testing of Pharmaceuticals and Herbal Formulations	7/03/2022 – 09/03/2022

	Andhra Pradesh.			
14	Global Antibiotic Research and Development	International	Deleivery Systems in antibiotic Drug Discovery	04/01/2023

OTHERS:

1. Member, Board of Studies,
Department of Microbiology, Presidency College, Chennai from June 2020.
2. Invited as a resource Person and gave Special Lecture on Downstream Processing”,
28.04.2022 at Sri Sathya Sai Institute of Higher Learning, Anantapur, Andhra Pradesh
3. Appointed as a Reviewer of Scopus Indexed Journal “Journal of Pure and Applied
Microbiology from April 19, 2022.
4. Authored OER for Research Methodology (crossword and Accordion) for OER Week
February 2022- 3 Nos.