

## RESUME

- Candidate Name : A. Fasila Begum
- Designation : Assistant Professor
- College Address : PG & Research Department of Microbiology,  
Jamal Mohamed College (Autonomous),  
Tiruchirappalli -620 020,  
Tamil Nadu, India
- Permanent address : No.3, God's park,  
Bankers colony, Kumaran Nagar,  
Vayallur Road,  
Trichy - 620 017.
- Date of Birth : 16.02.1996
- Age : 27
- Gender : Female
- Father's Name : S. Abdul Majeeth
- Mother's Name : A. Ashina Begum
- Mother Tongue : Tamil
- Marital Status : Married
- Religion : Muslim
- Nationality : Indian
- Qualification : M.Sc., M.Phil.,
- Experience : 3 years
- Languages known : English, Tamil.
- Mobile Number : 9578207996
- Email Id. : [fasilabegum1602@gmail.com](mailto:fasilabegum1602@gmail.com)

### **CAREER OBJECTIVE**

To obtain a job position, where I can apply my knowledge that helps to achieve the institution's success.

### **EDUCATIONAL QUALIFICATIONS**

<b>COURSE</b>	<b>INSTITUTION</b>	<b>BOARD/ UNIVERSITY</b>	<b>YEAR OF PASSING</b>	<b>MARKS</b>
M.Phil.,	Jamal Mohamed College (Autonomous), Trichy	Bharathidasan University	2019	84%
M.Sc.,	Cauvery College For Women, Trichy.	Bharathidasan University	2018	89% <b>Distinction University 4<sup>th</sup> Rank</b>
B.Sc.,	Cauvery College For Women, Trichy.	Bharathidasan University	2016	82.35% <b>Distinction University 5<sup>th</sup> Rank</b>
HSCC	Holy Redeemer's Girls Higher Secondary School, Palakkarai, Trichy.	State board	2013	79.58% <b>First Class</b>
SSLC	Holy Redeemer's Girls Higher Secondary School, Palakkarai, Trichy.	State board	2011	91.8% <b>Distinction</b>

### **PROFESSIONAL EXPERIENCE**

Three years as Assistant Professor in the P.G. & Research Department of Microbiology at Jamal Mohamed College (Autonomous), Tiruchirappalli. (July 2019 to Till Date)

## **PROJECT**

**M.Phil.,**

**“CHARACTERIZATION OF PREBIOTIC COMPOUND (INULIN) DERIVED FROM GARLIC: A SYNBIOTIC APPROACH”** Under the guidance of Dr.N.Reehana., M.Sc., M.Phil., Ph.D., Assistant Professor, Department of Microbiology, Jamal Mohamed College (Autonomous), Trichy.

**M.Sc.,**

**“ASSESSMENT AND MICROBIAL INVESTIGATION OF RAW MILK AND PASTEURIZED MILK AND DETERMINATION OF ADULTERANTS”**. Under the guidance of Dr.B.Thamilmaraiselvi., M.Sc., B.Ed., MPhil., SLET., Ph.D., Head department of Microbiology, Cauvery College For Women, Trichy. **Rs. 10,000** Fund sanctioned by the **TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY – Student Project Scheme.**

## **PROFESSIONAL DEVELOPMENT**

- ✚ Completed the Swayam Online Course on ‘**Food Microbiology and Food Safety**’ with 90% of Consolidated Score offered by Central University of Haryana, Mahendergarh (Haryana).
  
- ✚ Successfully completed a **4 week induction/ Orientation** Programme for "**Faculty in Universities/Colleges/Institutes of Higher Education**" from **June 04 - July 01, 2020** and obtained grade B+ offered by **Teaching learning centre, Ramanujan college University of Delhi.**

## **PAPER PUBLICATION**

- M. Mohamed Mahroop Raja, N. Reehana and **A. Fasila Begum.** Multidrug Resistant *Staphylococcus aureus* Isolated from UTI Site and its Biofilm Inhibition Activity with Nanomaterials in Reference with Standard Antibiotics. International Journal of Zoological Investigations, 8(Special Issues):152-159, 2022.

## **BOOK CHAPTER PUBLISHED**

- A.Swedha and A.Fasila Begum (2022). Book chapter 11- Hologram technology, Advances in Science and Technology Volume 3, Ryan Publishers.
  
- A.Swedha, A.Fasila Begum and S.Shubashini (2022) Book chapter 1-Review of Alzheimer’s Disease. Recent Research Trends in Medical and Biological Sciences Volume 2, MKSES Publications, Lucknow, India

## **PAPERS PRESENTED AT NATIONAL AND INTERNATIONAL CONFERENCES**

- Presented a paper on “**Effect of silver nanoparticles synthesized from Marine *Streptomyces* on multidrug resistant bacteria**” in the International conference on ‘**Emerging Outlook and Recent Trends in Microbiology**’ held at Dept. Of Microbiology, Shrimati Indira Gandhi College, Tiruchirappalli on 26<sup>th</sup> August 2022.
  
- Presented a paper on “**Seasonal Distribution of Bacterial Diversity in Marine Soil of Kodyakarai, Vedaranyam, Nagappatinam District**” in the National conference on ‘**Post Covid-19 Complications-A Biotechnological Approach**’ (PCBA’22) held at PG & Research Department of Biotechnology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 07th & 08th September 2022.
  
- Presented a paper on “ **Assessment of Antimicrobial Activity and Antibiotic susceptibility of Lactobacillus species isolated from commercial yoghurt**” in the International conference on ‘**Converging Research Approaches in Life Sciences for Future Advancement (CRLSFA-2023)**’ held on 15<sup>th</sup> February 2023 at PG and Research Dept. Of Microbiology in association with IQAC, Sengamala Thayaar Educational Trust Women’s College (Autonomous), Mannargudi.

## **RESOURCE PERSON**

- Acted as a Resource Person in the Young Student Scientist Programme (YSSP-2022) catalyzed and supported by Tamil Nadu State Council for Science and Technology and conducted at Jamal Mohamed College, Tiruchirappalli on 25<sup>th</sup> May 2022.

## **ACHIEVEMENTS**

- ❖ **Second prize** in General Proficiency during the year 2016 – 2017, Cauvery College For Women, Trichy.
- ❖ **Second prize** in General Proficiency during the year 2017 – 2018, Cauvery College For Women, Trichy.
- ❖ **Bharathidasan University 4<sup>th</sup> rank** in PG (M.Sc., Microbiology) (2016-2018), Cauvery College For Women, Trichy

- ❖ **Bharathidasn University 5<sup>th</sup> rank** in UG (B.Sc., Microbiology) (2013-2016), Cauvery College For Women, Trichy.
- ❖ Won **Second prize** in Quiz competition of “Micro Mistress Meet-2017” conducted by Department of Microbiology, SengamalaThayaar Educational Trust Women’s College, Mannargudi.
- ❖ Won **Second prize** in Poster presentation competition conducted by Department of Microbiology, SrimadAndavan Arts And Science College, Trichy in 2016.

### **PARTICIPATION**

- ❖ Participated in **One Day Hands-on training Programme on Advanced Microbiological Techniques** held at Department of Microbiology, SrimadAndavar Arts And Science College in 2014.
- ❖ **Participated in One Day National Seminar on “Challenges Towards Rabies”** held at Department of Biotechnology and Microbiology, SrimadAndavar Arts & Science College in 2016.
- ❖ Participated in **Science Academies’ Lecture Workshop on “Current Developments in Biology, Biotechnology and Evolution”** Organized by Department of Biotechnology, Cauvery College For Women in 2016.
- ❖ Participated in **State level Intercollegiate competition on Poster presentation of ‘Micro Mistress Meet- 2017’** organized by Department of Microbiology, SengamalaThayaar Educational Trust Women’s College.
- ❖ Participated in **“International Scientist Meet 2017”** held at Department of Biochemistry, St. Joseph College.
- ❖ Participated in the **“Internship program on Biochemical Techniques”** Organized by the Department of Biochemistry, St. Joseph College in 2017.
- ❖ Participated in **Quiz competition and Fireless cooking competition of “BIOFEST2K18”** Conducted by Department of Biotechnology, Bioinformatics, Nutrition & Dietetics, Bishop Heber College held on 2018.
- ❖ Participated in Quiz competition of **“PHRASTAFEST 2K18”** Conducted by Department of Botany, St. Joseph College.

- ❖ Attended the “**National Seminar in Microbes in Women Health**” organized by the Department of Microbiology, Bharathidasan University, Trichy held on July 2019.
- ❖ Participated ‘**Faculty development Programme and Webinar**’ on ‘**Trends and Opportunities in Life Science Sector**’ held at Department of Microbiology, Cauvery College For Women (Autonomous), Tiruchirappalli, Tamil Nadu, India during 3<sup>rd</sup> May 2020.
- ❖ Participated in **National level workshop** on “**Cyber Security During Covid 19**” organized by Smt. K. G. Mittal College (IQAC Committee) & IAA-TB on 3<sup>rd</sup> May 2020.
- ❖ Participated **International Webinar** on ‘**Covid-19 Vaccine Development**’ held at Department of Microbiology, AyyaNadar Janaki Ammal College, Sivakasi, Tamil Nadu, India during 15<sup>th</sup> May 2020.
- ❖ Participated in **International workshop** on “**Content copyright – Mine the work**”(IWCC – 2020) organized by Research Foundation of India on 15<sup>th</sup> May 2020.
- ❖ Participated **One day International Webinar** on ‘**Bioinformatics in Microbiome Research and Climate, Biomes and India**’ held at PG. Department of Chemistry, St. Mary’s College (Autonomous), Toothukudi, Tamil Nadu, India during 17<sup>th</sup> May 2020.
- ❖ Participated **International Webinar** on ‘**Biodiversity**’ held at PG & Research Department of Zoology, The American College, Madurai, Tamil Nadu, India during 22<sup>nd</sup> May 2020.
- ❖ Participated **National Webinar** on ‘**Marine Biodiversity and Conservation**’ held at Annamalai University, Parangipettai, Tamil Nadu, India during 22<sup>nd</sup>& 23<sup>rd</sup> May 2020.
- ❖ Participated **National webinar** on ‘**Investigations of Nano-Crystals**’ held at Department of Chemistry & Research and Development Cell, Mass College of Arts & Science, Kumbakonam, Tamil Nadu, India during 25<sup>th</sup> May 2020.
- ❖ Participated **International Webinar** on ‘**Application of Statistics in Research**’ held at the Research Department of Microbiology, SadakathullahAppa College (Autonomous), Tirunelveli, Tamil Nadu, India during 27<sup>th</sup> May 2020.

- ❖ Participated in **2 days“Online FDTP: Web application and Security”** held on 27 and 28<sup>th</sup> May 2020 organized by Department of Information technology, Jeppiaar Institute of Technology, Chennai – 631605.
- ❖ Participated **National Webinar** on ‘**Metal Complexes to Metal Nanoparticles for Efficient Catalysis**’ held at School of Chemistry and Biotechnology, SASTRA Deemed University, Thanjavur, Tamil Nadu, India during 28<sup>th</sup> May 2020.
- ❖ Participated in the Webinar on “**A stroll through the Mystical Quantum Mechanics** ” held on May 29, 2020 organized by the PG Department of Physics, Bhaktavatsalam Memorial College for Women, Korattur, Chennai -600050, Tamil Nadu, India.
- ❖ Participated **National Webinar** on ‘**Leadership Talk**’ organized by MHRD’s Innovation Cell, Government of India during 30<sup>th</sup> May 2020.
- ❖ Participated **National Webinar** on ‘**Essence of Physical Fitness during Lockdown**’ held at Department of Physical Education and Sports, Dr.M.G.R. Educational and Research Institute, Chennai, Tamil Nadu, India during 30<sup>th</sup> May 2020.
- ❖ Participated **International Webinar** on ‘**Nano- The Tiny Warriors- Engineering Nano medicine and Drug Delivery System**’ held at the Department of Chemistry, Kongu Engineering College (Autonomous), Perundurai, Erode, Tamil Nadu, India during 30<sup>th</sup> May 2020.
- ❖ Participated **International Virtual Lecture Workshop** on ‘**Bio-Nano Interface for Covid-19**’ held at the Department of Zoology and Microbiology, Thiagarajar College, Madurai, Tamil Nadu, India during 31<sup>st</sup> May 2020.
- ❖ Participated in the webinar on “**Trends in Plant Biology**” Organized by Department of Botany, The American College, Madurai held on 1 June 2020.
- ❖ Participated in the Webinar on “**Transforming Challenges into Opportunities - An Overview Of Corporate Secretary ship**” conducted by Alpha Arts And Science College, held on 3<sup>rd</sup> June 2020.
- ❖ Participated **International Virtual Conference** on ‘**Covid-19:Recent Updates and Current Advances**’ held at the Department of Microbiology, The American College, Madurai, Tamil Nadu, India during 3<sup>rd</sup>& 4<sup>th</sup> June 2020.

- ❖ Participated in **One day Faculty Development** webinar on “**Drug design and Development**” held on 10 June 2020 organized by Department of Chemistry, Sapthagiri College of Engineering Bangalore.
- ❖ Participated International Webinar on ‘**Forensic Science for Society**’ held at the Department of Forensic Science, G.T.N. Arts College (Autonomous), Dindigul, Tamil Nadu, India during 2<sup>nd</sup> June 2020.
- ❖ Participated **National Webinar** on ‘**Research, Innovation and Extension**’ held at the Internal Quality Assurance Cell, KhadirMohideen College, Adirampattinam, Thanjavur District, Tamil Nadu, India during 15<sup>th</sup> June 2020.
- ❖ Participated **International Webinar** on ‘**Covid-19: The Race To Find A Cure**’ held at the Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India during 19<sup>th</sup> June 2020.
- ❖ Participated **National webinar** on ‘**Combat Corona-The New World Order**’ held at the Department of Chemistry and Biochemistry, JoytiNivas College (Autonomous), Bengaluru, India during 16<sup>th</sup> June 2020.
- ❖ Participated **National Webinar** on ‘**Intellectual Property Rights and Patents**’ held at Internal Quality Assurance Cell, Government College for Men, Kurnool, Andra Pradesh, India during 24<sup>th</sup> June 2020.
- ❖ participated in the **International Webinar** on “**Biodiversity and Climate Change: An Intimate Dynamic Relationship**” organised by the PG & Research Department of Botany, V.O.Chidambaram College on 24.06.2020.
- ❖ Participated **National Webinar** on ‘**Medicinal Plants for Immunity, Strength and Vitality**’ held at the Department of Chemistry, Kings Engineering College, Chennai, Tamil Nadu, India during 25<sup>th</sup> June 2020.
- ❖ Participated **International Webinar Series** on ‘**Emerging Trends in Energy & Healthcare**’ held at the Department of Chemistry, AnnaiHajira Women’s College, Tirunelveli, Tamil Nadu, India during 25<sup>th</sup> to 27<sup>th</sup> June 2020.
- ❖ Participated **e-Workshop** on ‘**Materials processing and Technology**’ held at the Department of Physics and Chemistry, Mahatma Gandhi Institute of Technology, Hyderabad, India during 27<sup>th</sup> June 2020.

- ❖ Participated in the **Faculty Development Programme on “E-Content Development”** organized by the Internal Quality Assurance Cell of Jamal Mohamed College from 30-06-2020 to 04-07-2020.
- ❖ Participated in **National Webinar on “Development of Selected Multi-Valent Metal Ions functionalized Mesoporous Materials and their Applications”** organized by Department of Science & Humanities, Vel Tech High Tech Dr.RangarajanDr.Sakunthala Engineering College, Chennai, Tamilnadu on 02<sup>nd</sup> July 2020.
- ❖ Participated **International Webinar on ‘Covid-19: A Mysterious Infection-Limited Evidence, Unanswerable Questions’** held at the Department of Chemistry, HajeeKaruthaRowtherHowdia College, Uthamapalayam, Theni District, Tamil Nadu, India during 4<sup>th</sup> July 2020.
- ❖ Participated in the **International Webinar on “Curb on COVID-19 through Chemistry: – Potential Small Molecules for Possible COVID – 19 Treatment”** held by the P.G., & RESEARCH DEPARTMENT OF CHEMISTRY, Government Arts college, Coimbatore on 4<sup>th</sup> July 2020.
- ❖ Participated in the **International webinar Lecture series on “Biological sciences”** organized by Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli from 6<sup>th</sup> to 8<sup>th</sup> July 2020 under **DBT Star College Scheme**.
- ❖ Participated in an **International Workshop on ELT: Course Planning Tools for Hybrid Classroom Teaching and Learning** at 11<sup>th</sup> July 2020 organized by CMS, Jain (Deemed-to-be University), Bengaluru.
- ❖ Participated in the Webinar Session **“MOLECULAR MARKERS BASED VARIATIONS IN PLANTS: SNPs METHOD”** held on 21<sup>st</sup> August 2020, organized by Department of Zoology, Michel Job Arts and Science college for Women, Coimbatore.
- ❖ Participated in the **Two days Faculty Development Programme on “Updates and Upgrades in Education and Research”** held on 4<sup>th</sup> and 5<sup>th</sup> September 2020 organized by Department of Biochemistry, Sacred Heart college (Autonomous), Tirupattur.

- ❖ Participated in the **TNSCST sponsored National virtual Conference on “Human Microbiome at the Interface of Health and Disease** held on 2<sup>nd</sup> and 3<sup>rd</sup> November 2020 organized by Department of Microbiology. The American College, Madurai.
- ❖ Participated in the **One Day International Webinar** on the Topic **“Writing Synopsis for Thesis and Dissertation”** Held on the 19<sup>th</sup> day of December, 2020 organized by Ryan Publishers.
- ❖ Participated in the Webinar on **“Intellectual Property Rights with focus on Patents & Copyright”** organized by IPR cell, Jamal Mohamed College (Autonomous) at 21<sup>st</sup> January 2021.
- ❖ Participated in **2<sup>nd</sup> International Conference on Recent trends in Biotechnology (ICRTB - 2021)** held on 19<sup>th</sup> January 2021 by Department of Biotechnology, Jamal Mohamed College (Autonomous)
- ❖ Participated in the **Five days National level Faculty Development Programme (FDP) on “Computational Biology”** held between 1<sup>st</sup> and 5<sup>th</sup> February 2021 organized by REVA University, Bengaluru, India.
- ❖ Participated in the **International workshop on “Scientific Writing”** organized by Institute Development Plan of National Agricultural Higher Education Project (IDP-NAHEP) held on 23<sup>rd</sup> and 24<sup>th</sup> June 2021 at ICAR - National Dairy Research Institute, Haryana.
- ❖ Participated in the **Five days International Faculty Development Programme on “Research and Innovation”** organized by the Department of Commerce, SRM Institute of Science and Technology, Ramapuram campus, Chennai from 5<sup>th</sup> July 2021 to 9<sup>th</sup> July 2021.
- ❖ Participated in the **Faculty Enrichment Programme on “Art of Writing in Indexed Journal Publications”** organized by the Department of Library and IQAC, Jamal Mohamed College (Autonomous) on 28<sup>th</sup> July 2021.
- ❖ Participated in the **“Workshop on How to Write Research Proposals for M.Phil & Ph.D Admission”** organized by Dept. of Library and Dept. of Marathi with Research cell under the aegis of IQAC, Dnyandeep Mandal’s St. Joseph College Of Arts & Commerce, Satpala on 27<sup>th</sup> to 29<sup>th</sup> September 2021.

- ❖ Participated in One week **Faculty Development programme** on “**Research Essentials**” organized by Dept. Of Computer Science and Engineering, Chandigarh University, Punjab on 31<sup>st</sup> January to 5<sup>th</sup> February 2022.
- ❖ Participated in the **Five days International Virtual Faculty Development Programme** jointly organized by the Faculty of Education and Academic Staff College, Dr.M.G.R. Educational and Research Institute, Chennai on 20<sup>th</sup> to 24<sup>th</sup> June 2022.
- ❖ Participated in the **Faculty Development Program** me on “ **Preparation of Wiining Research Proposals**” organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) on 08<sup>th</sup> February 2023.