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My Profile Synopsis

Total Teaching Experience – 6 years, as Assistant Professor Microbiology.

1. **Asst. Professor** in Microbiology, Annai Violet Arts & Science College, Ambattur, Chennai. June 2018.
2. **Asst. Professor** in Microbiology, PG & Research Department of **Microbiology, Mohamed Sathak College Arts & Science**, Sollinganallur, Chennai. From **17. 07.2017 – 31.03.2018**.
3. **April 2017** - Lecturer – **NEET** Course in **BYJUS Institute**, Chennai. Handling 12th **Biology**
4. **August 2015 to May 2016** – Worked in **Peace Academy Islamic International School**. I was handling Biology theory and practical papers (Cambridge) for AS and A level students.
5. **Ph.D** Thesis entitled “**Biodegradation of Industrially Important Dyes by *Alcaligenes faecalis*: Its application on Industrial Effluents**”. During which I have **Teaching + Research Experience – 4 Years (2011 - 2014)** were I was handling PG students of **Applied Plant Sciences and Industrial Microbiology**. My thesis was **HIGHLY COMMENDED** by the International and National examiners
6. I was functioning as **Project Fellow** in the project entitled “**Development of Drugs from Medicinal Plants and Marine Resources for Human Welfare**” - “Antiviral and antimicrobial properties of *Cassia tora* and *Annona* sp”. **Awarded by: UGC-CPEPA Programme, Delhi Sep-2012 – Sep-2014**
7. Worked as **Lecturer** in Sir Thaygaraya College, Chennai. Year: 2006 – 2007. Done various M.Sc projects and guided PG Students for their research works (please find more details about my projects in the attached resume). During which the result of the students were 100%.

8. Research papers Published

1. Title: “Phytotoxicity analysis of Textile Effluent and Relative Germination Study on dicot Seeds”. Journal: *International Journal of Research in Chemistry and Environment*. Vol. 3 Issue 2, April 2013(pp 155-162).

2. Title: “Biotransformation of acidic dye by *Myroides odoratimimus*” Journal: *International Journal of Bioscience Research*. Vol. 2 Issue 3, May 2013 (pp 1 -12).

3. Title: “Phytochemical Evaluation, In Vitro Antioxidant And Antibacterial Potential Of Indigofera Aspalathoides” *IJPBS*. 4(1) March 2014(pp 161-168).

4. Title: “Evaluation Of In Vitro Antioxidant And Gc/Ms Spectroscopic Analysis Of Memecylon Umbellatum Burm F For Its Bioactive Compounds” *IJPDT*. 4(4), 2014 (pp 225-234)

9. Presented Posters at 2 international conferences and actively Participated in 8 International (2) & National (6) Conferences.

10. **“The Best Poster Presentation” by ICBE – 2013.** I have actively participated in many International and National Conferences and presented posters and papers of my Research works.
11. **Exemplary Performance in DIPLOMA IN Medical Lab Technology (DMLT)** Loyola Institute of Vocational Education, Chennai. 2004.
12. Have been nominated for a **workshop on Animal Handling & Animal Ethics – 2011.**
13. Selected for a **WORKSHOP ON BIOINFORMATICS – 2005.**
14. **Awarded Overall Excellent Performance** in Computer Education. C.S.C computer education, Chennai. 2002.
15. Selected as **Asst. SPL in School** and was awarded for **Academic Excellent Student of the year 1998** - St. Thomas Matric Hr.Sec. School, Chennai.

PROFESSIONAL EXPERIENCE

Total Teaching Experience: **6. 8 Years**

I. Mohamed Sathak Arts & Science College, Dept. of Microbiology, Sollinganallur, Chennai.
Designation: Asstant Professor.

From 17. July 2017 – 31.03.2018.

II. Peace Academy Islamic International School, Alwarpet, Chennai.
From August 2015 till March 2016

Designation: Biology Teacher (PGT) – AS & A level Biology (Cambridge Syllabus) both theory and practical

III. Doctor Of Philosophy – Highly Commended - Ph.D Thesis entitled **“Biodegradation of Industrially Important Dyes by *Alcaligenes faecalis*: Its application on Industrial Effluents”**, under the Guidance of Prof. K. Murugesan, CAS in Botany, University of Madras, Guindy Campus, Chennai-25.

Period: Jan 2011 - Dec 2014.

Teaching + Research Experience – 4 Years

III. Designation: Lecturer in Sir Thaygaraya College, Chennai.

Year: 2006 – 2007.

RESEARCH EXPERIENCE

- **Research Designation: Project Fellow – 2 Years**

Title: “Development of Drugs from Medicinal Plants and Marine Resources for Human Welfare” - “Antiviral and antimicrobial properties of *Cassia tora* and *Annona* sp”

Awarded by: UGC-CPEPA Programme.

Period: Sep-2012 – Sep-2014.

- **Research Work during My Masters of Philosophy - 2007.**

PROJECT TITLE: “Study on Biochemical profile of diabetic patients suffering from tuberculosis.” - Bharathidasan University.

PROJECT GUIDE: Dr. Venkatesan., Ph.D., (Research Supervisor)

Reader, Department of Advanced zoology & Biotechnology, Loyola College, University of Madras, Chennai.

- **Research Work during Masters of Science - 2006.**

Project Title: ‘*Invitro* efficacy of antimicrobial agents alone and in combination with gentamicin against *Salmonella typhi*’ - University of Madras.

Project Guide: Mr. K. Balakumar, M.Sc., M.Phil.,

Department of Microbiology,
D.G. Vaishnav College,
University of Madras, Chennai, India.

ACADEMIC PROFILE

QUALIFICATION	BOARD/UNIVERSITY	YEAR OF PASSING	% OF MARKS OBTAINED
Ph.D	University Of Madras	Oct 2015	Completed
M.Phil Microbiology	Bharathidasan University	Jan 2008	83 % with Distinction
M.Sc Microbiology	D.G Vaishnav College, University of Madras.	April 2006	58%
B. Sc Microbiology	Ethiraj college, University of Madras.	April 2004	67%
Higher Secondary	St.Thomas Matriculation Hr. Sec. School.	April 2001	70%
SSLC	St. Thomas Matriculation School.	April 1999	71%

PERSONAL DETAILS

Father's Name - **J. Zahiruddin**
Mother's Name - **Z. Shameem Banu**
Date of Birth - **14/01/1984**
Languages Known - **English, Tamil, Hindi, Urdu and Arabic (only to read)**

DIPLOMA IN MEDICAL LAB TECHNOLOGY (DMLT)

Certification: 2003 - 2004.

Name of the Institution: Loyola Institute and Vocational Education, Chennai, India.

WORKSHOP

1. Period: December, 2017.

Lecture Workshop on “**Recent Advances in Biological Sciences**”, CAS in Botany, University of Madras. Chennai.

2. Period: 2011.

Work Shop on “**Animal Handling & Animal Ethics**”, Institutional Animal Ethical Committee, Centre for Advances studies in Botany, University of Madras, Chennai.

3. Period: 2017.

“**One day Faculty Development Programme on Mentoring – Being A Great Teacher and Moving Towards Excellence**” Mohamed Sathak College of Arts and Science, Chennai.

3. Period: 2005.

Workshop on Bioinformatics studies. **Sai’s Bioinformatics Training and Research Institute**, Chennai.

INTERNATIONAL & NATIONAL CONFERENCES

1. National Conference on Interdisciplinary Research and Innovations in Biosciences. “**NATCON - 2018**”. Mohamed Sathak College of Arts and Science, Chennai - 119.

2. National Conference on “**Biomolecules for the control of Viral and Multidrug Resistance Pathogens**” (BCVMP - 2015), School of Life Sciences, University Of Madras, Guindy Campus, Chennai - 25.

3. International Conference “**Medicinal Plants and Herbal Drugs for Human Welfare**” (ICMP - 2015), Center for Advance Studies in Botany, University of Madras, Guindy Campus, Chennai - 25.

Poster Presentation: “Studies on the Isolation and Characterization of Bioactive Compound from *Memecylon umbellatum* Burm F: Its Anticancer Activity”.

4. **CANCERCON - 2014**. Indian Institute of Technology Madras (**IIT Madras**).

5. International Conference on Bioengineering (ICBE-**2013**). By Rajalakshmi Engineering College, Chennai.

Poster Presentation: Degradation of industrial dye by *Myroides odoratimimus*.

6. National Conference on “**Recent Advancement in Mycological Research**” 2011. By Centre for Advances studies in Botany, University of Madras, Chennai.

7. National Conference on “***Emerging trends in Biological Research***” 2011. By Department of Zoology, University of Madras. Chennai.
8. National Conference on “***Advances in Plant Pathology***”, 2011 by Centre for Advances studies in Botany, University of Madras, Chennai.
9. International Conference on Greenomics, 2010. “***The key Role of Life Sciences for Sustainable Development in the World***” by Hindustan College of Arts & Science. Kelambakkam, Chennai.
10. “Exposure to women Scientists in Career & funding Opportunities”. Department of Zoology, University of Madras. Chennai 2011
11. “***National symposium in recent trends in Streptococcal Diseases***” 2006. By Department of Microbiology, ALMPGIBMS, University of Madras, Tharamani, Chennai.

MY ACHIEVEMENTS

Brief outline of Award/ Achievement	Awarding Body	Date
PhD Thesis	University of Madras	Highly Commended
<u>“The Best Poster Presentation”</u>	ICBE – 2013	2013
<u>Exemplary Performance in</u> Medical Lab Technology	Loyola Institute of Vocational Education, Chennai.	2004
Awarded Overall Excellent Performance in Computer Education.	C.S.C computer education, Chennai	2002
Selected as Asst. SPL in School	St. Thomas Matric Hr.Sec. School.	1998
Academic Excellent Student of the Year	St. Thomas Matric Hr.Sec school	1998

COMPUTER SKILLS

1. DIPLOMA IN MS OFFICE

Year of Certification: 2001 – 2002.

Name of the institution: C.S.C Computer Education,
Chennai – 600019.

2. DIPLOMA IN ADVANCED SOFTWARE TECHNOLOGY

Year of Certification: 2002.

Name of the institution: C.S.C Computer Education,
Chennai – 600019.

DECLARATION

I hereby state that the details furnished above are true to my knowledge.

Dr. SHAHIN BANU ZAHIRUDDIN