

FACULTY PROFILE

1. Name : Dr.Nabila M I
2. Designation : Assistant Professor
3. Qualification : M.Sc., B.Ed., Ph.D
4. Mobile number : 9894117616
5. E-mail id : nabilamb@auxiliumcollege.edu.in, nabilaimthiyaz@gamil.com
6. Teaching Experience: 1 year 7 months
7. Area of specialization: Actinomycetes, Microbial Nanotechnology, Purification and Identification of Bioactive Compounds
8. Positions Held in Auxilium:
 - Member of Career Guidance and Placement cell
 - Member of Entrepreneur Development cell
9. Research Experience and Guidance: 7 years
10. No. of Papers Published: 7
 - 07 Research Papers published,
 - 01 Accepted,
 - 04 sequence published in NCBI and
 - 01 Genome deposited at GenBank, NCBI
11. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences : 5
12. No.of Seminars/Workshops/Conferences/webinars organized: 2

13. Membership in professional bodies (Descriptive):

- Life member of Nature Science Foundation, Coimbatore.
- Indian Initiative for Management of Antibiotic Resistance (IIMAR)

14. Honours and Awards received :

- Awarded **second prize** for best oral presentation in one day State-level seminar on ‘Challenges in aquaculture and marine biotechnology’ held at C. Abdul Hakeem college (Autonomous), Melvisharam, Vellore, India held during 24th January, 2017

15. No. of Online Courses completed (Minimum of 4 Weeks): 1

PUBLICATIONS

Publications in Journals

- Rekha V, **Nabila MI**, Samah and Kavitha S, ‘Isolation of Amylase Producing Bacteria from Paddy field Soil’, Ecology, Environment and Conservation, ISSN -0971-765X, 2013, Vol. 19, issue-3, 2013.
- **Nabila MI** and Kannabiran K. ‘Antibacterial activity of soil actinomycetes against fish and shellfish pathogens’, Research Journal of Pharmacy and Technology. ISSN. 0974-360X, 2018, Vol. 11, Issue 5, pp 1923-6.
- **Nabila MI** and Kannabiran K. ‘Antagonistic activity of terrestrial *Streptomyces* sp. VITNK9 against Gram negative bacterial pathogens affecting the fish and shellfish in aquaculture’, Revista de biología marina y oceanografía, ISSN: 0718-1957, 2018, Vol. 53, Issue 2, pp171-83.
- **Nabila MI** and Kannabiran K. ‘Biosynthesis, characterization and antibacterial activity of copper oxide nanoparticles (CuO NPs) from actinomycetes’, Biocatalysis and agricultural biotechnology, ISSN 1878-8181, Jul 2018, Vol. 1, Issue 15, pp 56-62.
- **Nabila MI**, Burgsdorf I, Limlingan Malit JJ, Saha S, Teta R, Ewe D, Kannabiran K, Hrouzek P, Steindler L, Costantino V, Saurav K. ‘Isolation, genomic and metabolomic characterization of *Streptomyces tendae* VITAKN with quorum sensing inhibitory activity from southern India’, Microorganisms, ISSN: 2076-2607, Jan 2020, Vol. 8, Issue 1, pp121.

- Saha S, **Nabila MI**, Burgsdorf I, Macho M, Ewe D, Steindler L, Hrouzek P, Kannabiran K, Saurav K. ‘Draft genome sequence of terrestrial *Streptomyces* sp. strain VITNK9, isolated from Vellore, Tamil Nadu, India, exhibiting antagonistic activity against fish pathogens’, Microbiology Resource Announcements, ISSN: 2576-098X, Jan 2021, Vol. 10, Issue 1, pp10-128.
- **Nabila MI and** Kannabiran K. ‘*Streptomyces* sp. Vitnk9 derived compound against fish bacterial pathogens’, Biomedical and Biotechnology Research Journal, ISSN: 2588-9834, Oct 2022, Vol. 6, Issue 4, pp 494-500.
- **Nabila MI** and Kannabiran K. ‘Bacterial chemical compounds on fish microbial disease control in aquaculture: A systematic review’, Letters in Applied NanoBioScience, ISSN: 2284-6808, 2023 (Accepted).

Seminars/ Conference organized

- Virtual Seminar on “The Microfactories: Microbial production of chemicals and pharmaceuticals’, Resource Person: Dr. Lokesh Ravi, Assistant Professor, Department of Botany, St. Joseph’s University, Bangalore.
- Guest lecture on “Magic Melody of Life” on 20.07.2023 in Auxilium College, Vellore.

FDP

- International Faculty Development Online Certificate Course on “MICROSCOPY- AN OVERVIEW (Phase I)” (03.02.2023 to 09.02.2023), Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur, Tamil Nadu, India in association with Microbiologists Society, India; Biotechnology Society of Nepal and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University (UEZO), Rio de Janeiro, Brazil.
- A Two-Week Online Faculty Development Programme on Libre Office suite Writer, Calc & Impress, held at Auxilium College, (Autonomous), Vellore held between 26.05.2022 to 10.06.2022.

Workshops

- DBT sponsored National Workshop on hands-on training on Molecular Diagnostic Techniques held during 12th to 17th February, 2018 by the PG and Research Department of Zoology, C. Abdul Hakeem College (Autonomous), Melvisharam, Vellore, Tamil Nadu.
- Two days National Level Online Workshop on Molecular Docking, (20.02.2023 & 21.02.2023), Nirmala College for Women, Coimbatore in collaboration with Auxilium College, Vellore and Providence College for Women, Nilgiri.

Seminars/Conference

- Presented paper in SET-2012, the 5th International conference on Science, Engineering and Technology conference held during November, at VIT University, Vellore.
- Presented paper in SET-2012, the 6th International conference on Science, Engineering and Technology conference held during April, at VIT University, Vellore.
- Presented paper in SET-2013, the 7th International conference on Science, Engineering and Technology conference held during November 14-15, at VIT University, Vellore.
- Presented poster in the International conference on Applications of Natural Products and Opportunities Ahead (ICAN 2016) organized by the School of Life Sciences, B.S. Abdur Rahman University, Chennai on 2-3, August 2016.
- Presented paper in the One-day state level seminar on Challenges in Aquaculture and Marine Biotechnology organized by 2018 by the PG and Research Department of Zoology, C. Abdul Hakeem College (Autonomous), Melvisharam, Vellore, Tamil Nadu
- International seminar on Recent Advances in Bioelectrochemical Technology (RABT 2022), organized by the Department of Biotechnology, Thiruvalluvar University, Vellore.