

## FACULTY PROFILE

1. Name : Mrs. A. Amalarathinam
2. Designation : Assistant Professor
3. Qualification : M. Sc., M. Phil., SET., (Ph. D.)
4. Mobile Number : 9489161091
5. E-mail ID : aamala@auxiliumcollege.edu.in
6. Teaching Experience : 10 Years
7. Area of Specialization : Differential Equations
8. Positions Held in Auxilium :
  - Dean of Sciences (2019-2024)
  - Staff Secretary (2025 till date)
  - Coordinator of Career Guidance and Placement Cell (2019-2020, 2020-2021)
  - Counsellor of Auxilium Alumni Association (2017-2020)
  - Coordinator of Anti-Drug Club, Auxilium College (Autonomous), Vellore (2024 till date)
  - Staff in charge of AICUF Unit, Auxilium College (Autonomous), Vellore (2018-2021)
  - AIIC Coordinator-Maths Unit-Shift I (2024 till date)
  - Staff in charge of Mathematics Association (2019-2020, 2023 till date)
  - Faculty Organizer of Online Courses offered by STP IIT Bombay-II B. Sc. Mathematics (2021 till date)
  - Mentor for Soft Skills and Employability Skills-Department of Mathematics (2024 till date)
  - Mentor for II B. Sc. Mathematics (2017 till date)
9. No. of Papers Published : 02

10. No. of Papers Presented in the National/ International/ Seminars/ Workshops/  
Conferences: 03

11. No. of Seminars/Workshops/Conferences Organized:

- Webinars-04
- Seminars-05
- Training Programmes-05
- Placement Drives-03
- Student Induction Programmes-02
- Students Orientation Programmes-01
- Workshop-01
- Anti-Drug Club Awareness Programmes-16

12. Membership in Professional Bodies :

- Life Member of Academia for Advanced Research in Mathematics (AARM) Society (2020 till date)
- Member of Internal Quality Assurance Cell, Auxilium College (Autonomous), Vellore (2018-2019)
- Member of ASQC (2019-2022)
- Member of DQAC (2024 till date)
- Member of College Council, Auxilium College (Autonomous), Vellore (2019-2024)
- Member of the Board of Studies for the Department of Mathematics, Auxilium College (Autonomous), Vellore
- Member of Career Guidance and Placement Cell, Auxilium College (Autonomous), Vellore (2021-2024, 2025 till date)
- Member of Educating Community, Auxilium College (Autonomous), Vellore (2017 till date)

13. Other Bodies : Member of 'International Eco Club Student and Staff Chapter' constituted by Nature Science Foundation, Coimbatore, Tamil Nadu, India.

14. Honors & Awards Received:

- 'Best Outgoing Student in Christian Doctrine' in B. Sc. Mathematics (2012) at Auxilium College (Autonomous), Vellore.

- ‘The Pythagoras Award’ in M. Sc. Mathematics (2014) at Auxilium College (Autonomous), Vellore.

15. No. of Online Courses Completed (Minimum of 4 Weeks): 01

## **PUBLICATIONS**

### **Publication in Proceedings**

- Role of Time Delay on the Bacterial Consumption of Fluoride in Water- National Conference on Recent Approaches of Mathematics to Science and Technology (NCRAM 2015) (*UGC Sponsored*)-Auxilium College (Autonomous), Vellore-2015.  
ISBN: 978-81-929362-1-5.

### **Publication in Scopus-Indexed Journal**

- A. Amalarathinam<sup>1\*</sup>, Sabarmathi A.<sup>2</sup> and Pooja C.<sup>3</sup>, “ A Mathematical Model for Obesity in Young Women Aged 18 to 25 Years”, *Int. J. Appl. Math. (IJAM)*, Vol. 38 No. 6s, 2025, pp 867-875.  
pISSN 1311-1728, eISSN 1314-8060.

### **FDP’s/ Seminars/ Workshops/Webinars**

1. Participated in the UGC Sponsored Faculty Induction Programme, Batch- IX (on-line) held from 24.01.2022 to 22.02.2022 and obtained A<sup>+</sup> Grade.
2. Participated in the UGC Sponsored Online Refresher Course in Online Education (Multidisciplinary<sup>\*</sup>) from 16.08.2022 to 29.08.2022 and obtained the Grade ‘A’.