

## FACULTY PROFILE

1. Name : Ms.B.V.Gowri
2. Designation : Assistant Professor & Head i/c
3. Qualification : M.Sc., M.Phil., SET., NET
4. Mobile number : 9488539444 / 9894461568/ 6369528686
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6. Teaching Experience: UG - 18 years; PG - 3 years
7. Area of specialization: Food & Dairy Microbiology; Clinical & Diagnostic Microbiology.
8. Positions Held in Auxilium:
  - Head incharge of the Department
  - Member of UGC PARAMARSH committee
  - Member of Planning and Evaluation committee
  - Member of the Admission Committee
  - Member of Internal Quality Assurance Cell
  - Member of curriculum Development cell
  - Member Secretary of the Academic council
  - Dean of Science
  - Member of Antiragging Committee, Internal complaints and prevention of Sexual Harassment
  - Staff Secretary of Shift II
  - Member of Staff Grievances and Redressal Committee
  - Member of Examination Committee
  - Staff incharge of Auxilium Student Quality Cell – Shift II

- Staff incharge of Debators club - shift II

9. Research Experience and Guidance: 3 years

10. No. of Papers Published: 1

11. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences : 4

12. No. of Seminars/Workshops/Conferences/webinars organized: 17

13. Membership in professional bodies (Descriptive):

- Life member of Microbiologists Society of India (MBSI), Osmanabad, Maharashtra, India.
- Life member of Nature Science Foundation, Coimbatore.
- Life member of Tamil Nadu Science Forum (TNSF), Chennai.

14. No. of Online Courses completed (Minimum of 4 Weeks): 6

15. Any Other (Descriptive) –

- XB AA assessor for colleges under Xavier Board of Higher Education in India (XBHEI) Bengaluru, Karnataka.
- University/Regional Coordinator of Microbiologists Society, India for the academic year 2022-2023 & 2023-2024, Thiruvalluvar University, Vellore.

## **PUBLICATIONS**

### **Publication in Journal**

- V.Vidhya<sup>1</sup>, A.Vidhya<sup>2</sup>\*, **B. V. Gowri**<sup>1</sup> and S. Arunadevi<sup>2</sup>. ‘Utilization of Synthetic Dairy Waste Water and Waste Oil for the Production of Sphorolipid from *Starmerella bombicola* MTCC 1910 and Testing its Antimicrobial Activity’. International Journal of Current Microbiology and Applied Sciences, ISSN: 2319-7706, December-2015, Vol. 4, Issue 12, pp 555-565.

## **FDP'S/ SEMINARS/ WORKSHOPS/WEBINARS**

### **Faculty Development Programme**

- A three days online FDP on “Enriching and enhancing the effectiveness of teaching using 21st century skill sets” organized by The Board of Management, Auxilium College (Autonomous), Vellore in association with The Haskalah Academy, Chennai from 5.06.2019 to 7.06.2019
- A one week online FDP on “Cell Designer” conducted by the Department of Biochemistry, Auxilium College (Autonomous), Vellore in association with Spoken Tutorial, IIT Bombay from 25.05.2020 to 31.05.2020
- A one week online International Faculty Development Programme on “Evolving Best Teaching and Learning Practices in Pandemic Era 2020” organized by The Board of Management, Auxilium College (Autonomous), Vellore from 15.06.2020 to 21.06.2020.
- A three days FDP on “Applications of Molecular Techniques in Biomedical Research” organized by RUSA 2.0 – Entrepreneurship and Career Hub, University of Madras from 29.07.2020 to 31.07.2020
- A Two-Week Online FDP on Libre Office suite Writer, Calc & Impress conducted by STP IIT Bombay in association with Auxilium College (Autonomous), Vellore from 26.05.2022 to 10.06.2022
- Four weeks Online FDP on “Microbiology Laboratory Techniques” conducted by Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur in collaboration with Western Rio Janerio State University, Brazil and Biotechnology society of Nepal from 04.09.2023 to 03.10.2023.

### **Seminars and Conferences**

- First annual conference of Indian Association of Applied Microbiologists at Mohamed Sathak College of Arts and Science on 22.09.2001 & 23.09.2001.
- First CMC winter symposium on “Cell Biology and Molecular Medicine” held at the Christian Medical College, Vellore on 30.01.2003 & 31.01.2003.
- National level Seminar on “Pinnacles in Biochemistry” held on 21.10.2005 at Auxilium College, Vellore
- National Seminar [sponsored by NAAC] on Innovative strategies for internal Quality Assessment organized by Internal Quality Assurance Cell, Auxilium College on 24.11.2006 & 25.11.2006.
- State level seminar on Trends in Bio-Sciences (TIBS-06) organized by K.M.G. college of Arts & Science on 21.12.2006 & 22.12.2006.
- National level colloquium on “Current forum in Microbiology” at DKM College held during 31.1.2007 & 01.02.2007.

- Attended a one day National Seminar on stem cells, Rainbio'07, organized by the Department of Biochemistry, Auxilium collage on 14.09.2007.
- National seminar on “Redifining Human Rights towards A New Socio Religious Interface” (sponsored by UGC & NHRC, New Delhi) organized by Internal Quality Assurance Cell, Auxilium college, Vellore on 12.12.2007 &13.12.2007.
- International CMC-NIV Symposium / Continuing Medical Education held at the Christian Medical College, Vellore on 05.03.2008.
- National Seminar on“Bioethical issues in college campuses – Interdisciplinary Approaches and perspectives at Asian centre for cross cultural studies, Chennai held on 20.11.2008 to 22.11.2008.
- National Virology Conference on “Clinical Virology- A Distinct Entity at the Frontiers of health Care organized by the Department of Clinical Virology, Christian Medical College & Hospital, Vellore on 21.07.2017 and 22.07.2017.
- International Conference on “Frontiers in Analytical and Clinical Techniques” (INFACT-2019) concept by INBIOTICS organized by the Department of Nanotechnology, Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari Dist. held on 24.01.2019 and 25.01.2019.
- International conference on Infectious diseases and Antimicrobial resistance (ICiDAR – 2023) 4<sup>th</sup> MICROSUMMIT 2023 organized by Saveetha Dental College & Hospitals, Chennai on 28.07.2023 & 29.07.2023.

### **Workshops**

- State level workshop on “Climate change and global warming” (sponsored by TNSCST, Chennai and NCSTC, New Delhi), Auxilium college, Vellore on 10.12.2008.
- Two days national level workshop on Curriculum designing in Microbiology NAWO-CDM'16 organized by the PG and Research Department of Microbiology, St. Josephs College, Cuddalore on 18.02.2016 & 19.02.2016.
- Two days National level workshop on Biological Diversity Act organized by the Enviro Club of Auxilium College in Collaboration with the NBA, Chennai on 18.01.2019 and 19.01.2019.
- International online Workshop on “Research methodology” conducted by Wilson college, KES Shroff College & Vasantodada Patil Institute of Management and Research in Association with University of Mumbai from 19.05.2020 to 25.05.2020

- A five Days International Online Workshop on “Artificial Intelligence Tools For Accelerated Drug Discovery Against Covid-19” conducted by Department of Biotechnology, Vignan’s Foundation for Science, Technology & Research, Vadlamudi-522213, Guntur, Andhra Pradesh, India from 10.08.2020 to 14.08.2020

## **Webinars**

- International webinar on “Global Response to COVID-19” organized by IIHS (International Institute of Health Sciences) on 23.05.2020
- National webinar on “ Excellence in Nanotechnology” organized by Department of Biotechnology, Thiruvalluvar University, Vellore on 22.06.2020
- International webinar on “ Microbial Biodiversity” organized by Biodiversity Conservation Foundation (BCF), India on 12.07.2020
- Two Days National webinar on “An Insight into Commercial Applications of Microorganisms in the Current Era” organized by Department of Microbiology, Madras Christian College (Autonomous), Chennai on 24.07.2020 & 25.07.2020
- International webinar on “Biotechnology and Biodiversity Conservation” organized by Biodiversity Conservation Foundation (BCF), India on 02.08.2020.
- National webinar on “Polymerase Chain Reaction: A Paradigm for diagnosis” organized by Department of Biotechnology & IQAC, Bhaurao Kakatar College, Belgaum on 18.08.2020
- International Virtual conference on “Advances in Microbiological Research” organized by Department of Microbiology Ramaiah College of Arts, Science and Commerce, Bengaluru from 17.08.2020 to 20.08.2020
- International webinar on “Sustainable Development: Past, Present and Future” organized by Chintamani College of Arts and Science Gondpipri Dist. Chandrapur (MS), India on 25.08.2020
- Three days International Virtual conference on “Cyanobacterial and Algal Biotechnology (CAB’2020)” organized by National Repository for Microalgae & Cyanobacteria – Freshwater (NRMC-F), Department of Microbiology, Bharathidasan University, Thiruchirappalli from 18.12.2020 to 20.12.2020.
- Two days International webinar on “Coaxial Living with Microbes-III: Demystifying the Multidrug Resistant Pathogens” organized by Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore on 16.01.2021 & 17.01.2021
- National Webinar on “Microbial Resource Centers and their Role in Preservation of Microbial Diversity” conducted by Department of Microbiology, Devchand College, Arjunnagar, Tal-kagal, Dist.-Kolhapur (M.S), India in association with Microbiologists Society, India on 17.04.2021

### **Seminars/Conference/Workshop/Webinars organized:**

- National level seminar on “Microbial world”, Eupro’07 on 11.10.2007.
- National level workshop (sponsored by UGC) on “student participation in quality enhancement and sustenance” on 11.12.2008.
- National level seminar on “Recent trends in Microbiology”, Eupro’11 on 12.10.2011.
- Three days state level workshop Microtechs’13 on Microorganisms: let us observe and learn for PG grade school teachers sponsored by TNSCST, Chennai and NCSTC, New Delhi from 23<sup>rd</sup>-25<sup>th</sup> September 2013.
- Two days International conference on “Recent Trends in Life Sciences” Biomic’13 on 12<sup>th</sup> and 13.12.2013.
- State level guest Lecture and Competitions on “Water for life” – Green planet” 14 held on 22.08.2014.
- National Seminar on “The Frontiers of Life Sciences” Biomic’17 on 13.09. 2017.
- Intercollegiate Hands on Training on “Solid waste Management and Terrace gardening” on 4.10.2018.
- Two Days National Conference on Teaching, Learning and Evaluation: Changes and Challenges on 30.01.2020 & 31.01.2020.
- A one day workshop on “The revised accreditation framework of NAAC” on 09.11.19.
- A one day workshop on “Outcome Based Education” on 13.07. 2019.
- National Level Webinar on “Covid 19: The Pandemic” on 28.05.2020.
- National Virtual Seminar on “Waterborne Pathogens: The never ending threat” on 22.07.2020.
- National Webinar on NEP – 2020 with a Focus on Technology on 12.10.2020.
- International Webinar on “The future of phage therapy in the era of antibiotic resistance” on 26.10.2021.
- Virtual Seminar on “The Microfactories: Microbial production of Chemicals and Pharmaceuticals” on 17.09.2022.
- Virtual Seminar on “Multidrug Resistant Bacteria: A Significant Threat to Global Public Health on 19.11.2022.

### **Paper Presentation in Conferences/ Seminars:**

- Presented a paper entitled “Outcome- Based Education enhancing employability and career opportunities in Microbiology” in National Workshop on Curriculum Designing in Microbiology (NAWO-CDM-2016) organized by PG and Research Department of Microbiology, St.Joseph’s College of Arts and Science (Autonomous), Cuddalore on 18.02.2016 & 19.02.2016.

- Presented a technical session on “Terrace gardening and its Significance” in Intercollegiate Hands on Training on “Solid waste Management and Terrace gardening” organized by IQAC, Auxilium College (Autonomous), Vellore on 04.10.2018.
- Presented a paper on “Recent advancement in Clinical Microbiology Techniques” in International conference on “Frontiers in Analytical and Clinical Techniques” (INFACT-2019) concept by INBIOTICS organized by Department of Nanotechnology, Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari District on 24.01.2019 & 25.01.2019.
- Presented a Paper on “Invitro assessment of bioactive potentials of *Bifidobacterium* sps. as a formidable probiotic strain” in the International conference on Infectious diseases and Antimicrobial resistance (ICiDAR – 2023) 4<sup>th</sup> MICROSUMMIT 2023 organized by Saveetha Dental College & Hospitals, Chennai on 28.07.2023 & 29.07.2023.

#### **Training Programmes attended:**

- Technical training at IVPM (Institute of Veterinary Preventive Medicine) on Tissue Culture and Egg inoculation technique under the guidance of Dr. M.J. Christopher, M.A., M.V.Sc., P.G.D.B.A., Ph.D, Director, IVPM, Ranipet, Tamil Nadu from 01.12.2003 to 12.12.2003.
- State level Training programme for Resource persons on “Detection and Prevention of Food Adulteration” Conducted at Stella Maris college from 24.08.2006 to 26.08.2006.
- Six days training programme on Academic leadership organized by the Centre for Academic Leadership and Education Management at Islamiah College sponsored by MHRD under the Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 7.9.2018 to 14.9.2018.
- Intercollegiate hands on training programme on Solid waste Management and Maintenance of terrace Garden organized by the IQAC, Auxilium College on 04.10.2018.
- Intellectual property awareness/Training Programme by Research cell Auxilium College in collaboration with National Intellectual property Awareness Mission (NIPAM), Intellectual Property Office, India on 25.01.2022.
- Intellectual property awareness/Training Programme by Research cell Auxilium College in collaboration with National Intellectual property Awareness Mission (NIPAM), Intellectual Property Office, India on 20.02.2023.

#### **Online certificate courses completed:**

- Swayam/NPTEL - 12 weeks 4 credit course on “Food Microbiology” from 31.07.2019 to 31.11.2019.

- Gujarat State Biotechnology Mission- GSBTM sponsored Online Certificate Course for 30 hours on “Recombinant DNA Technology” by C G Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, Gujarat.
- Online International Certificate Course on “ Medical Bacteriology” conducted by 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 from 01.06.2020 to 31.06.2020.
- Swayam/NPTEL - 16 weeks 4 credit course on “Food Microbiology and food safety” from 22.12.2020 to 22.04.2021.
- Online International Certificate course on “Microbial Inoculants Technology” conducted by Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur in association with Microbiologists Society, India & Western Rio Janerio State University, Brazil from 04.07.2021 to 08.08.2021.
- Swayam/NPTEL - 15 weeks 4 credit course on “Functional food and Nutraceuticals” from 24.01.2022 to 18.05.2022.