

## PROFILE

Name : Dr. K. Gopi  
Department : Biochemistry  
Designation : Assistant Professor  
Qualification : M.Sc., M. Phil., Ph.D., B. Sc (Phy)  
Phone : 8778646656  
Experience : Teaching 7 Year 8 Month And Research 6 Years  
Area Of Specialization(S) : Biochemistry  
E-Mail (Official Id) : [Drkgopi@Viaasrtt.ac.in](mailto:Drkgopi@Viaasrtt.ac.in)



S. No.	ID	Link
1	Google Scholar	<a href="https://scholar.google.co.in/citations?user=sYmNpjcAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=sYmNpjcAAAAJ&amp;hl=en</a>

### Academic Qualifications

Degree	Branch	Institution / University Name	Year Of Graduation
Ph. D	Marine Biotechnology	Amet University, Chennai	2018
M. PHIL	Biochemistry	Vinayaka Mission University, Salem	2010
PG	Biochemistry	Meenakshi Ramasamy Arts And Science College, Udayarpalayam	2007
UG	Biochemistry	Marappan Lakshmi Amma Arts And Science College, Tirupattur	2005

### Additional Qualifications

Diploma / Vocational / Certification	Area Of Specialization	Institution/University/ Agency Name	Year
NPTEL	Biochemistry & Molecular Biology	Swayam	2019
B.Sc	Physics	Vinayaka Mission University, Salem	2012
HDCA	Honors Diploma In Computer Application	CSC Computer Academy	2008
NPTEL	Animal Physiology	Swayam	2024

## Research Publications (Indexed)

1. Gopi, K and Jayaprakashvel, M. 2017. Biological Interaction of Endophytic Fungi in Their Natural Habitats. Indian Journal of Forensic Medicine & Toxicology.
2. Gopi, K and Jayaprakashvel, M. 2017. Bioactive Potential of Marine Endophytic Fungi Associated With Plants in Marine Ecosystem. Research Journal of Pharmacy and Technology.
3. Gopi, K. 2017. Production of food processes monitoring using remote supervision. Indian Journal of Public Health Research and Development.
4. Gopi, K. 2017. Biofabrication of pupae using marine endophytic fungus. Indian Journal of Public Health Research and Development.
5. Gopi, K. 2017. A variable collection regarding the storage space moment of packaged food in fuzzy association rule mining structure. Indian Journal of Public Health Research and Development.
6. Gopi, K. 2017. Marine phytoplankton recognition based on k-nearest Neighbor classification method. Indian Journal of Public Health Research and Development.
7. Gopi, K and Jayaprakashvel, M. 2017. Halophytes and Their Salt Adaptation in Different Habitats. Indian Journal of Forensic Medicine & Toxicology.
8. Gopi, K and Jayaprakashvel, M. 2017. Biological Interaction of Endophytic Fungi and Their Applications. Research Journal of Pharmacy and Technology.
9. Gopi, K and Jayaprakashvel, M. 2017. Distribution of Endophytic Fungi in Different Environments and Their Importance. Research Journal of Pharmacy and Technology.
10. Gopi, K and Jayaprakashvel, M. 2017. Dye Degrading Potential of Laccase and Tannase from Endophytic Fungi. Research Journal of Pharmacy and Technology.
11. Gopi, K and Jayaprakashvel, M. 2017. Endophytic Fungi As Novel Bioresource for Biomedical Applications. Research Journal of Pharmacy and Technology.
12. Gopi, K and Jayaprakashvel, M. 2017. Endophytic Fungi Are Potential Microorganisms to Produce Antimicrobial Agents. Research Journal of Pharmacy and Technology.
13. Gopi, K and Jayaprakashvel, M. 2017. Endophytic Fungi From Halophytes and Their Antioxidant Potential. Research Journal of Pharmacy and Technology.
14. Muthezhilan R, Vinoth S, Gopi K and Jaffar Hussain A, 2014. Dye Degrading Potential of Immobilized Laccase from Endophytic Fungi of Coastal Sand Dune Plants. International Journal of Chem Tech Research, 6 (9), 4154-4160. (Scopus Indexed Journal).
15. Muthezhilan R, Balaji K, Gopi K and A. Jaffar Hussain A, 2014. Purification of Protein From Marine Edible Oyster *Crassostrea Madrasensis* For Bactericidal Potency. Biosciences Biotechnology Research Asia, Vol. 11. (Scopus Indexed Journal).
16. Anuradha V, Yogananth N, Syed Ali M and Gopi K, 2014. Molecular Docking Studies of Nitrocefin

and It's Analogs with PBP2A of *S. aureus*. Biosciences Biotechnology Research Asia, Vol. 11 143-147. (Scopus Indexed Journal).

17. Suganya K, Revathi K, Anuradha V and Gopi K, 2014. Optimization of Parameters for Decolorization of Reactive Dyes using Bacterial Isolates. Biosciences Biotechnology Research Asia, October 2014. Vol. 11 339-342. (Scopus Indexed Journal).

## Reviewer in

1. Biotechnologia journal

## Books

S. No	Title	Author's Name	Publisher	Year of Publication
1.	Lab Manual on Life Sciences (For UG Students Studying Courses Biochemistry Microbiology And Biotechnology)	Dr Gopi K	Royal book publishing	2021
2.	Laboratory Experiments-Part 1 Biochemistry	Dr Gopi K	Royal book publishing	2021
3.	Laboratory Experiments-Part 2 Biochemistry, Plant Biotechnology, Animal Cell Culture, Genetics	Dr Gopi K	Royal book publishing	2021
4.	Laboratory Experiments-Part 4 Biotechnology	Dr Gopi K	Royal book publishing	2021
5.	Laboratory Experiments-Part 3 Cell Biology, Microbiology	Dr Gopi K	Royal book publishing	2021
6.	Laboratory Experiments-Part 5 Microbiology, Immunology	Dr Gopi K	Royal book publishing	2021
7.	At The Beginning Of Research Basic Guidelines For Ph D Scholars	Dr Gopi K	Royal book publishing	2021
8.	Part:1 Information Required For Ph.D Scholars At The Beginning	Dr Gopi K	Royal book publishing	2021
9.	Part 4 Basic Analytical Instruments	Dr Gopi K	Royal book	2021
10.	Cellular Biochemistry (Text Book)	Dr Gopi K	Royal book	2023
11.	Genetic Engineering (Text Book)	Dr Gopi K	Royal book	2023
12.	Human Rights (Text Book)	Dr Gopi K	Royal book	2023
13.	Molecular Biology (Text Book)	Dr Gopi K	Royal book	2023
14.	Chemistry Of Biomolecules (Text Book)	Dr Gopi K	Royal book publishing	2023
15.	Plant Biochemistry (Text Book)	Dr Gopi K	Royal book publishing	2023
16.	Biochemical Pharmacology & Microbial Techniques (Text Book)	Dr Gopi K	Royal book publishing	2023

17.	Clinical Biochemistry (Text Book)	Dr Gopi K	Royal book	2023
18.	Immunology (Text Book)	Dr Gopi K	Royal book	2023
19.	Medical Biochemistry Laboratory Experiments (Laboratory Manual)	Dr Gopi K	Royal book publishing	2023
20.	Human Physiology & Medical Coding (Text Book)	Dr Gopi K	Royal book publishing	2023
21.	Biochemistry (A text book of fundamentals of Biochemistry and Cell Biology)	Dr Gopi K	Royal book publishing	2024
22.	Biochemistry (A text book of plant Biochemical therapeutic and research methodology for Biologistics)	Dr Gopi K	Royal book publishing	2024
23.	A manual on Common Medicinal Plants used in Tamil Nadu	Dr Gopi K	Royal book publishing	2025

### Conference/Seminar

- Gopi K, Muthezhilan R, Jayaprakashvel M, Diversity of Endophytic fungi from halophytes of East coast of Bay of Bengal, Tamil Nadu. In “Emerging Trends in Management of Infectious Diseases and Public Health (ETMIDPH 2016)”, 4 – 5 Feb- 2016 at Mohammad Shadak College, Chennai.
- Vinoth S, Gopi K, Jaffar Hussain A and Muthezhilan R, 2014. Marine Endophytic Fungal Laccase for Dye Degradation. In: National conference on sustainable innovations in industrial waste management organized by Department of Life Sciences, held at January 28, 2014 at Hindustan College of arts and science, Chennai.
- Gopi.K, Vinoth.S, Jaffar Hussain.A and Muthezhilan.R, 2014.Multienzyme Producing Endophytic Fungi from Sand Dune Plants, East Coast of Tamil Nadu, India In: National level Seminar on BioSolutions2k14 Connecting Science and career held on 15th February 2014, organized by the IQAC cell and the Department of Life Sciences, Valliammal College for Women, Chennai, Tamil Nadu, India.
- Vinoth.S, Gopi.K, Jaffar Hussain.A and Muthezhilan.R, 2014. “Screening of Multienzymes production activity of Endophytic Mycoflora from coastal Sand Dune plants” in DBT sponsored National Seminar on “Recent Advances in Biotechnology and Applied Microbiology” held on March 3 & 4, 2014, organized by Department of Microbiology, Kanchi Shri Krishna college of Arts and Science, Kilambi, Tamil Nadu, India.
- Gopi.K, Jaffar Hussain.A and Muthezhilan.R, 2014. “Antimicrobial activity of Squid ink against Seafood and Human pathogens” in DBT sponsored National Seminar on “Recent advances in Biotechnology and Applied Microbiology” held on March 3 & 4, 2014, organized by Department of Microbiology, Kanchi Shri Krishna college of Arts and Science, Kilambi, Tamil Nadu, India.
- Ravikumar V, Anusha R, Gopi K, Jayaprakash K, Jaffar Hussain.A, Muthezhilan R, 2014. Effect

- of Seaweed Extracts on Plant Growth Promotion in Monocotyledonous and Dicotyledonous Plants. In “National Level Conference on Advances in Marine Bioscience and Technology: Current Status, Prospects and Challenges (NCAMBT-2014)” organized by Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112, on 14th March, 2014.
7. Gopi.K, Vinoth.S, Jaffar Hussain.A and Muthezhilan.R, 2014. Screening of Multienzyme Producing Endophytic Fungi of Sandunes Plants, East Coast of Tamil Nadu, India. In “National Level Conference on Advances in Marine Bioscience and Technology: Current Status, Prospects and Challenges (NCAMBT-2014)” organized by Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112, on 14th March, 2014.
  8. Muthezhilan R., S. Vinoth, Gopi. K and A. Jaffar Hussain. “Dye Degrading potential of immobilized Laccase from Endophytic fungi of Coastal sand dune plants”. In: Department of Biotechnology National conference on Recent Trends in Biotechnology and Chemical Engineering held on 12th August 2014 at Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai.
  9. Gopi K paper presentation in National Level Seminar “Neoperspectives on Chemical, Biochemical & Microbial world (NCBWM – 14)” organized by Department of Chemistry, Biochemistry & Microbiology, Sri Akilandeswari Women’s College, Wandiwash on 10th & 11th October 2014.
  10. Gopi K paper presentation “Fungal endophytes from sand dne plants of Chennai” in 10th IAAM National Conference on Exploring the Potential of Microbes for Bioscience, Biotechnology & Medicine organized by Center for Environmental Nuclear Research, Directorate of Research, SRM University, Chennai, on 17 & 18th December 2012.
  11. Participated Two days National conference on: Road Map To Viksit Bharath - A multi disciplinary Approach organized by Tamil Nadu Higher Education Teachers Association (THETA) affiliated to Akhil Bhartiya Rashtriya Shaikshik Mahasangh (ABRSM),New Delhi in association with VIT Chennai (2025)
  - 12.. Participated international conference on Recent Advances Bioresource Technology organized by Department of Biotechnology, Tiruvalluvar University, Vellore (2025)
  13. Participated in an awareness program on NABL Accreditation and its Benefits organized by IIT Tirupati (2025)
  14. Participated in International conference on Recent Trends and Innovations in Multidisciplinary Research (2025)

15. Participated in one day national conference on Bridging Ayurvedic Lexicons and AI: A Path to sustainable development organized by the school of Vedic Sciences, MIT ADT University Pune (2025).

### **Awards**

1. Awarded 3rd Position for the “Best Oral Presentation” in National Conference on Recent trends in Biotechnology and Chemical Engineering held on 12th August 2014 at Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai.

### **Participation in Workshop**

1. Participated in the 7th Workshop on “Determination Of The Structure Of Molecules Through Special Data And Antimicrobial Activity” – (DASMA -2019) organised by K.S.R Arts and Science College, Thiruchengode.
2. Participated in the “Workshop For Research Scholars” conducted by Periyar University, Salem – 636011, during 28.11.2019.
3. Participated in the “NPTEL Workshop” conducted by IIT Madras at Marudhar Kesari Jain College for Women, Vaniyambadi, during 09.08.2019
4. Participated in “Hands – On Training On Basics Of Microscopy Techniques” organized by Sathyabama Institute of science and Technology, Chennai – 600119, held on 26.7.2019.
5. Contributed as a technical support in the “National level workshop on Molecular Taxonomy for identification of marine organisms” organized by the Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112, during 8 – 10, Feb 2017.
6. Contributed as a technical support in the “National level workshop on techniques in Bioactive Metabolites from Marine and other Bioresources organized by the Department of Marine Biotechnology during 25 – 27, May 2016.
7. Contributed as a Technical support volunteer in the “National Level Workshop on Marine Enzyme Technology for Undergraduate Science Students” at Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112, during 06-03-2013 to 08-03-2013.
8. Contributed as a Technical support volunteer in the “National Science Day Celebrations and National Level Seminar on Prospects of Marine Biotechnology for Industry and Stakeholders” at Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112 on 28.02.2013
9. Participated in pre conference Workshop on “Taxonomy of Fungi” sponsored by Ministry of Human Resource Development (MHRD), New Delhi, held at centre of Advanced Study in Marine

- Biology, Faculty of marine Science, Annamalai University, parangipettai, India, during February 25-26, 2014.
10. Participated in National Training Programme on “Biodiversity of Marine Molluscs” sponsored by Ministry of Human Resource Development (MHRD), New Delhi, held at centre of Advanced Study in Marine Biology, Faculty of marine Science, Annamalai University, Parangipettai, India, during March 13-14, 2014.
  11. Participated in Training Programme on “Microbial Techniques ” sponsored by Ministry of Human Resource Development (MHRD), New Delhi, held at centre of Advanced Study in Marine Biology, Faculty of marine Science, Annamalai University, Parangipettai, India, during March 16-17, 2014.
  12. Contributed as a Technical support volunteer in the “National Level Conference On Advances In Marine Bio Science & Technology Current Status, Prospects & Challenges” organized by Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112, on 14th March, 2014.
  13. Contributed as a Technical support volunteer in the “Third National Level Workshop on Marine Biotechnology for Undergraduate Science Students”organized by Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112, during February, 26 and 27, 2014.
  14. Contributed as a Technical support volunteer in the “National Science Day Celebrations - 2014 Fostering Scientific Temper” organized by Department of Marine Biotechnology, AMET University, Kanathur, Chennai 603112
  15. Participated in Two days National online workshop on LaTeX Beamer & TikZ organized by Infinity Research and Development institute and Indian Mathematics Professors Association (2025)
  16. Participated in One Week National online workshop on Mastering Graph Theory with Advanced Tools: Python, SageMath & MATLAB organized by Infinity Research and Development institute and Indian Mathematics Professors Association (2025).
  17. Participated in National Research Workshop on Innovations in Advanced Materials and Intellectual Property Management in Science and Technology organized by Department of Science College of Technology (2025)

### **Participation in Faculty Development Programme**

1. Naan Mudhalvan scheme Five day FDP on "Good Manufacturing Practices in GMP" organized by Periyar University (2023)

2. Naan Mudhalvan scheme Five day FDP on "Bioinformatics" organized by Periyar University (2024)
3. Two day FDP on "Basic services in Lab instruments" organized by PG & Research Department of Physics, Vivekanandha Arts and Science College for Women, Tiruchngode (2022)
4. Two day FDP on "AI for delightful teaching experience" organized by AICTE IDEA LAB @ VCEW (2023)
5. Online Five days FDP on Perspectives, Innovations and Future development in Biological Sciences" organized by CBNR Lab, Coimbatore (2024)
6. Two days FDP on "Ethics and Values for Teaching Professionals and Administrators" Department of Management studies, Vivekanandha Arts and Science College for Women (2024)
7. Naan Mudhalvan scheme Six day FDP on "Medical coding" organized by Periyar University (2025)

## Others

1. Experiences as Science Teacher at "Venkateswara Matric Higher Secondary School, Hosur" On Experiences as Chemistry Teacher at Government Higher Secondary School, Tirupattur (2012)
2. Research experience from 2012 to 2018 when I did full time Ph.D at AMET University, Chennai as Lab technician in R &D Biotech Lab Chennai (2018)
3. Experience as Science Teacher at VRV Matric Higher Secondary School, Tirupattur
4. Experience as Science Teacher at Universal Matric Higher Secondary School, Jolarpettai
5. Experience as Assistant Professor at "AVS Arts and Science College, Salem" On 2019
6. Industrial visit organized by department of Biochemistry to sugar breeding institute and Cotton research institute at Coimbatore (2023)
7. Hospital visit organized by department of biochemistry to Vivekanandha Medical College Hospital (VMCH) and Swamy Vivekanandha Medical College Hospital and Research Institute (SVMCH) &RI at Tiruchengode (2024)
8. Obtained IIC training certificate on Innovation ambassador are Foundation level, Advanced level, Reskilling and Upskilling (2024).
9. Industrial visit organized by department of Biochemistry to Hatsun dairy industry at Thalavasal, Salem (2025).

