




Bharathiar University

State University | "A⁺⁺" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr G KAPILDEV Assistant Professor Department of Microbial - Biotechnology Bharathiar University Coimbatore, 641041 Tamil Nadu E-mail: drgkdev16@buc.edu.in Phone: 8973907717 Office Number: 0422-2428654	
Research Area <ul style="list-style-type: none">• Plant Biotechnology• Plant Microbe Interactions• Biodiversity Conservation	Courses Teaching <ul style="list-style-type: none">• Plant Biotechnology• Agricultural Microbiology• Bioinformatics and Nanobiotechnology• Organic farming
Research Experience: 18	Teaching Experience: 9
Research Credentials (as on September 2025 – Source: Google scholar) H-index: 15 Citations: 1859 i10-index: 21	
Publications National Journals: 6 International Journals: 23	
Career Other Institutes 1. Designation : Lecturer Institution Name : Department of Biotechnology, Srinivasan College of Arts and Science, Perambalur, Tamil Nadu Period : June 2008 - May 2010 At Bharathiar University 1. Designation : Assistant Professor Period : November 2016 - Till Date 2. Designation : Guest Faculty Period : July 2016 - November 2016	
Education Ph. D. Subject : Biotechnology Institution : Bharathidasan University, Tiruchirappalli Affiliated University : Bharathidasan University, Tiruchirappalli Year of Award : April 2016 M. Phil. Subject : Biotechnology Institution : Bharathidasan University, Tiruchirappalli Affiliated University : Bharathidasan University, Tiruchirappalli Year of Award : October 2006 M. Sc. Subject : Biotechnology Institution : Bharathidasan University, Tiruchirappalli Affiliated University : Bharathidasan University Year of Award : April 2003	



Bharathiar University

State University | "A⁺⁺" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr G KAPILDEV , Assistant Professor , Department of Microbial - Biotechnology

B. Sc.

Subject : Biochemistry

Institution : Bharathidasan University, Tiruchirappalli

Affiliated University : Bharathidasan University

Year of Award : April 2001

Projects

National Level

Ongoing - completed - 3

Research Guidance

Completed

Ph.D. - 1 M.Phil. - 1

Submitted

Ph.D. - 1

On Going

Ph.D. - 3

Programs organized

1. National Conference on Ecological Impacts of Microbiome (NCEIM'20) - 2020-01-24)
2. Pre workshop National Conference on Translational Research in Medicinal and Aromatic Plants for Cancer Therapeutics – Current Strategies and Future Prospects. (2023-03-14 - 2023-03-14)
3. Seven Days National Level Workshop on "Plant Tissue Culture and Genetic Engineering Techniques (PTCGET-2023) (2023-03-14 - 2023-03-21)
4. Three Days Training program on Mass vegetative propagation of medicinally and economically important herbs in low cost hi-tech nursery for livelihood development of tribes in Coimbatore. (2023-07-25 - 2023-07-27)

Selected Publications

1. A review on genetic diversity, micropropagation and transformations in the high-value medicinal plant of Himalayas-Seabuckthorn (*Hippophae* sp.).

Journal of Pharmacognosy and Phytochemistry, 13(1), 360-366 (January 2025)
Santhanalakshmi Balasubramaniam, Sivanandhan Ganeshan, Selvaraj Natesan, Kapildev Gnanajothi.

2. Nanomaterials as Potential Plant Growth Modulators: Applications, Mechanism of Uptake, and Toxicity: A Comprehensive Review.

BioNanoSci., 15, 53 (December 2024)
Sakthivel Anitha, Rajkuberan Chandrasekaran, Santhanalakshmi Balasubramaniam, Hariithaa Sathyanarayanan, and Kapildev Gnanajothi

3. Ethnopharmacological potential of *Anisomeles malabarica*: a systematic review on traditional uses and bioactive compounds.

Plant Biosystems - An International Journal Dealing with All Aspects of Plant Biology. 158(5), 925–941 (September 2024)
Santhanalakshmi, B., Sivanandhan, G., Manojkumar, S., Anitha, S., Sharmistha, G., Selvaraj, N., & Kapildev, G.

4. DNA barcoding and annotation study on *Anisomeles malabarica* (L.) R.Br in BOLD system v.4.

International Journal of Bioinformatics Research and Applications, 20(2), 142-160 (May 2024)
Santhana Lakshmi Balasubramaniam, Sivanandhan Ganeshan, Selvaraj Natesan, Kapildev Gnanajothi.

5. Phytochemical Screening, In Silico Molecular Docking, ADME Properties, and In Vitro Antioxidant, Anticancer, and Antidiabetic Activity of Marine Halophyte *Suaeda maritima* (L.) Dumort

ACS Omega, 9 (10), 11200-11216 (February 2024)
Sampath Manojkumar, Murugesan Thandeewaran, Sathiya Kamatchi Thangavel, Annavi Arjunan, Manickam Muthuselvam, Giriraj Kalaiarasi, and Kapildev Gnanajothi.



6. High efficient Agrobacterium mediated in planta transformation in black gram (*Vigna mungo* (L.) Hepper).

Acta Physiologiae Plantarum, 38(8), 12. Kapildev G, ChinnathambiA, Sivanandhan G, RajeshM, Vasudevan V, MayavanS,ArunM,JeyarajM,Alharbi S. A, Selvaraj N & Ganapathi A High efficient Agrobacterium mediated in planta transformation in black gram (*Vigna mungo* (L.) Hepper). Acta Physiologiae Plantarum, 38(8), 205 (July 2016)
12. Kapildev G, ChinnathambiA, Sivanandhan G, RajeshM, Vasudevan V, MayavanS,ArunM,JeyarajM, Alharbi S. A, Selvaraj N & Ganapathi A High efficient Agrobacterium mediated in planta transformation in black gram (*Vigna mungo* (L.) Hepper). Acta Physiologia