

SRI SANKARA ARTS & SCIENCE COLLEGE
ENATHUR, KANCHIPURAM
STAFF PROFILE
DEPARTMENT OF BIOTECHNOLOGY



1.	Name of the Staff	Dr. D. Chitra
2.	Designation	Assistant Professor
3.	Date of Joining	16.02.2022
4.	Mobile Number	9597131988
5.	E-Mail ID	Chitra18dhanasekar@gmail.com dchitrabt@sankaracollege.edu.in
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., Ph. D.,
8.	Field of Specialization	Immunotechnology, Animal and Medical Biotechnology
9.	Ph. D., Thesis Title	Morin, a dietary flavanol suppresses monosodium urate crystal induced inflammatory response via the inhibition of NF-kB signaling pathway an <i>in vitro</i> and <i>in vivo</i> study
10	Awarding University, Year of Award	VIT University October 2016

11. Work Experience (in chronological order):

S. No.	Name of the Institution	Designation	Period
1	Sri Sankara Arts and Science College (Autonomous), Kanchipuram	Assistant Professor	February 2022 to till date
2	Sri Sankara Arts and Science College, Kanchipuram	Assistant Professor	June 2018 to March 2020
3	Vellore Institute of Technology (VIT)	Research Associate	June 2013 to October 2016

12. Other Academic and Administrative Responsibilities:

S. No.	Name of the Institution/Committee	Position	Period
1	Sri Sankara Arts and Science College/Forum	Coordinator	2019- 2020
2.	Sri Sankara Arts and Science College/Board of Studies, Department of Biotechnology	Member	2018-2020 2022-till date

13. Publications:

International and National Journals:

- **Chitra Dhanasekar, Sowmiya Kalaiselvan and Mahaboobkhan Rasool.** Morin, a bioflavonoid suppresses monosodium urate crystal-induced inflammatory immune response in RAW 264.7 macrophages through the inhibition of inflammatory mediators, intracellular ROS levels and NF- κ B activation. PLOS ONE. 2015, Vol. 10, No. 12. pp. 1-19. [**Impact factor: 3.752**]
- **Chitra Dhanasekar and Mahaboobkhan Rasool.** Morin, a dietary bioflavanol suppresses monosodium urate crystal-induced inflammation in an

animal model of acute gouty arthritis with reference to NLRP3 inflammasome, hypoxanthine phospho-ribosyl transferase, and inflammatory mediators. 2016. European Journal of Pharmacology, [Impact Factor: 4.432]

- **Chitra et al.** Studies on antimicrobial activity of *Syzygium cumini* and *Syzygium alternifolium*. 2020. Annuals of Tropical medicine and Public Health. [Impact Factor: 0.13]

14. Awards / Distinction:

S.No	Name of Award	Awarding Agency	Year
1.	Best Research Award	VIT University	2015-2016

15. Seminars Conferences organized /Participation:

S. No	Name of the Program	Place	Organized/ Participated	Period
1	National conference entitled as “Frontiers in Cancer Research”	Arcot Sri Mahalakshmi Women’s College, Villapakkam	Participated	2020
2	Conference entitled as “Creation of Scientific Awareness”, supported by Tamilnadu State Council for Science and Technology (TNSCST)	Sri Sankara Arts and Science College, Kancheepuram	Participated	2020
3	National Conference on Applications of Computational Biology in Omics ACBO-18	Sri Sankara Arts and Science College, Kancheepuram	Participated and Organizing member	2019
4	Design and Innovation	MaDeIT Innovation Foundation, IIITDM kancheepuram	Participated	2019
5	41st annual conference of Immunocon 2014	Madurai Kamaraj University, Madurai	Participated and presented	2014

16. Workshop & Training Programmes:

S. No	Name of the Workshop	Place	Organized/ Participated	Period
1	National Science Academies' Lecture Workshop On "Biotechnology – Principles And Practice"	Sri Sankara Arts and Science College, Kancheepuram	Organizing member	2022
2	Current Trends in Biotechnology	Sri Sankara Arts and Science College, Kancheepuram	Organized	2019
3	The Art of Writing Winnable Project Proposals	Sri Sankara Arts and Science College, Kancheepuram	Participated	2019
4	Workshop on Peripheral Blood Mononuclear Cells	Sri Sankara Arts and Science College, Kancheepuram	Organized	2019
5	Inauguration of Watson and Crick Forum and one day workshop on Foldscope	Sri Sankara Arts and Science College, Kancheepuram	Organized	2019
6	Stem Cell Research and Techniques	Sri Sankara Arts and Science College, Kancheepuram	Participated	2018

17. Others:

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