

**SRI SANKARA ARTS & SCIENCE COLLEGE**

**ENATHUR, KANCHIPURAM**

**STAFF PROFILE**

**DEPARTMENT OF BIOTECHNOLOGY**

<b>1.</b>	<b>Name of the Staff</b>	<b>Dr. D. Chitra</b>
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>
<b>3.</b>	<b>Date of Joining</b>	<b>16.02.2022</b>
<b>4.</b>	<b>Mobile Number</b>	<b>9597131988/8610793753</b>
<b>5.</b>	<b>E-Mail ID</b>	<b>Chitra18dhanasekar@gmail.com dchitrabt@sankaracollege.edu.in</b>
<b>6.</b>	<b>Nationality</b>	<b>Indian</b>
<b>7.</b>	<b>Academic Qualification</b>	<b>M.Sc., Ph. D.,</b>
<b>8.</b>	<b>Field of Specialization</b>	<b>Immunotechnology, Animal and Medical Biotechnology</b>
<b>9.</b>	<b>Ph. D., Thesis Title</b>	<b>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</b>
<b>10</b>	<b>Awarding University,</b>	<b>VIT University</b>
	<b>Year of Award</b>	<b>October 2016</b>

## 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- $\kappa$ 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: 5.23]

- **Chitra et al.** Studies on antimicrobial activity of *Syzygium cumini* and *Syzygium alternifolium*. 2020. Annuals of Tropical medicine and Public Health. [Impact Factor: 0.786]

#### 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	Biotechnological Advances in Biomedical, Environmental and Agricultural Technology	Department of Biotechnology, Hindustan College of Arts and Science, Chennai	Participated	2024
2	Research Prospects And Progress In Biological Science	Faculty Of Science And Humanities Department of Biotechnology. SRM University	Participated	2022
3	National conference entitled as “Frontiers in Cancer Research”	Arcot Sri Mahalakshmi Women’s College, Villapakkam	Participated	2020
4	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
5	National Conference on Applications of Computational Biology in Omics ACBO-18	Sri Sankara Arts and Science College, Kancheepuram	Participated and Organizing member	2019

6	Design and Innovation	MaDeIT Innovation Foundation, IIITDM kancheepuram	Participated	2019
7	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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