

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



1.	<b>Name of the Staff</b>	<b>Dr.V.Guruchandran</b>
2.	<b>Designation</b>	<b>Assistant Professor</b>
3.	<b>Date of Joining</b>	<b>03.06.2011</b>
4.	<b>Mobile Number</b>	<b>9786868037</b>
5.	<b>E-Mail ID</b>	<a href="mailto:guru.nmc@gmail.com">guru.nmc@gmail.com</a> <a href="mailto:guruchandran@sankaracollege.edu.in">guruchandran@sankaracollege.edu.in</a>
6.	<b>Nationality</b>	<b>Indian</b>
7.	<b>Academic Qualification</b>	<b>M.Sc.,M.Phil.,Ph.D</b>
8.	<b>Field of Specialization</b>	<b>Plant Biotechnology</b>
9.	<b>Ph.D Thesis Title</b>	<b><i>In vitro</i> organogenesis and genetic diversity studies of <i>Stevia rebaudiana</i> Bert.</b>
	<b>Awarding University,</b>  <b>Year of Award.</b>	<b>Bharathidashan University</b>  <b>2014</b>

**10. Work Experience (in chronological order):**

S.No.	Name of the Institution	Designation	Period
1	A.V.C College (Autonomous) Mayiladuthurai	HOD	Sep 2004 to June 2009
2	N.M.C (Autonomous) Trichy	Assistant Professor	July 2009 to May 2011
3	Sri Sankara Arts and Science College (Autonomous), Kanchipuram	Assistant professor	June 2011 to Till date

**11. Other Academic and Administrative Responsibilities:**

S.No.	Name of the Institution/Committee	Position	Period
1	A.V.C. College Board of studies in Biotechnology	Chairman	2005-2007
2	Sri Sankara Arts and Science College/Attendance committee	Member	2012-2013
3	Sri Sankara Arts and Science College/Placement committee	Member	2013-2014
4	Sri Sankara Arts and Science College/Library committee	Member	2014 -2017
5	Sri Sankara Arts and Science College/ Board of studies	Member	2015- Till date
6	Sri Sankara Arts and Science College/Academic Council	Member	2015- Till date
7	Sri Sankara Arts and Science College/ Academic audit committee	Member	2018 - Till date
8	Sri Sankara Arts and Science College/ N List	College Administrator	2017-Till date

**12. Publications:**

S.No.	Title	Journal	Pages
1	Effect of Copper Sulphate on <i>In Vitro</i> shoot regeneration from Shoot tip Explant of <i>Stevia rebaudiana Bert</i>	<i>Plant Archives</i>	Vol.20 Supplement 1, pp. 702-704.
2	Design of novel microbial fuel cell and effect of humic acid on bioelectricity generation.	<i>Asian Jr. of Microbiol. Biotech. Env. Sc</i>	21(1): S269-S271

3	Design and Fabrication of Yeast Based Microbial Fuel Cell	<i>Int.J.Appl.Biochem.,</i>	1 (1):11-14.
4	Organogenic plant regeneration via callus induction in <i>Stevia rebaudiana</i> Bert.	<i>Int.J.Curr.Microbiol.App.Sci</i>	2(2).
5	Effect of Polyamines on <i>In vitro</i> Organogenesis using Shoot Tip Explants of <i>Stevia Rebaudiana</i> Bert	<i>Int.J.Curr.Biotechnol.,</i>	1(1):16-18
6	Cellulase production by <i>Aspergillus niger</i> fermented in sawdust and bagasse	<i>Journal of Cell and Tissue Research</i>	Vol. 10(1): 2115-2117
7	Cellulase production by <i>Trichoderma reesi</i> fermented in sawdust and bagasse	<i>Asian Jr. of Microbiol. Biotech. Env .Si.</i>	Vol. 12 No (4): 845-847
8	Effect of nitrogen and phosphate on the amylase activity of <i>Aspergillus niger</i> isolated from citrus peel	<i>Asian Jr. of Microbiol. Biotech. Env .Si.</i>	Vol. 12 No (4): 935-936
9	Response of nodal segments from <i>solanum trilobatum</i> L. cultured <i>in vitro</i> in Biopreserver- First report.	<i>Asian Jr. of Microbiol. Biotech. Env .Si.</i>	Vol. 9 No (1): 71-74.
10	<i>In vitro</i> plantlet regeneration of cucumber ( <i>Cucumis sativus</i> L) using Biopreserver (Pyramid)	<i>Asian Jr. of Microbiol. Biotech. Env. Si.</i>	Vol. 9 No (3): 641-643.
11	Screening for the evaluation of antibacterial activity of <i>Jatropha curcas</i> L.	<i>Plant Archives.</i>	Vol 6 No. (2): 593-595.
12	<i>In vitro</i> multiple shooting from the nodal explants of <i>Boerhaavia diffusa</i> L.using Biopreserver- first report'	<i>Plant Archives.</i>	Vol. 6 No 2, pp.491-493.

### 13. Awards / Distinction :

S.No.	Name of the Award	Venue	Period
1	University Rank :1 M.Sc. Biotechnology	Periyar University	2004

### 14. Membership in Professional Bodies:

S.No.	Name of the Membership	Venue	Period
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1	Subject Expert	Board of studies in Biochemistry, A.D.M College (Autonomous) for women, Nagapattinam.	2005-2007
2	Member in UG Evaluation Board.	Madras University	2011 - 2021
3	Member in PG Evaluation Board.	Madras University	2019-Tilldate
4	Member	M.Sc., Biotechnology, Board of Studies, University of Madras.	2022-2025

### 15. Seminars Conferences organized /Participation:

S.No.	Program Attended	Place/Organised by	Organized/ Participated	Period
1	National Science Academies' Lecture Workshop in "Biotechnology – Principles and Practice"	Sri Sankara Arts & Science College, (Autonomous)	Organised	10.08.22 - 11.05.22
2	Faculty development programme on "Directions and Dimensions of Accreditation Criteria in the light of NEP for HEIs"	The Electronics and ICT Academy at PDPM IIITDM Jabalpur in association with Sri Sankara Arts & Science College, (Autonomous)	Participated	03.01.2022 12.02.2022
3	National seminar on "Bioentrepreneurship and funding opportunities"	Sri Sankara Arts & Science College, (Autonomous)	Organized	08.09.2017
4	National seminar on Frontiers in Life sciences"	Sri Sankara Arts & Science College,(Autonomous)	Organized	11.01.2012
5	National level seminar on "Quality initiatives in making higher education learner centric"	M.O.P Vaishnav College for women , Chennai	Participated	30.03.2012 - 31.03.2012.
6	National level seminar on "Role of college teachers in enhancing quality in higher"	University of Madras	Participated	24.08.2012

	education			
7	National level seminar cum workshop on Applications of green technologies for separation of bioproducts held at	Karpaga Vinayaga College of Engineering and Technology	Participated	22.07.2013-23.07.2013
8	International conference on Green energy and Green environment	Nadar Saraswathi College	Participated	21.01.2015
9.	National seminar on emerging trends in Life Science	Soka Ikeda College, Chennai	Participated	27.01.2015
10.	International Conference on "Recent Advances in Bioresource Technology – RABT2017".	Thiruvalluvar University, Vellore	Participated	15.02.2017-17.02.2017

#### 16. Participated as Resource Person:

S.No.	Program	Venue	Period
1	In-service training for secondary grade school teachers of Kanchipuram Dist.	Pachaiyappa's College for Men, Kanchipuram	30 <sup>th</sup> July 2015.
2	One day National seminar on Recent Trends in Genetic Engineering held at	S.K.S.S Arts College, Thiruppanandal	21 <sup>st</sup> February 2007.
3	National level symposium on Emerging areas of Bioinformatics held at	A.V.C. College (Autonomous), Mayiladuthurai,	2 <sup>nd</sup> and 3 <sup>rd</sup> March 2006.

#### 17. Workshop & Training Program:

S.No.	Program	Venue	Period
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1	Workshop on advanced techniques in plant molecular biology	Bharathidashan University, Trichy	23 <sup>rd</sup> –28 <sup>th</sup> February 2004.
2	Workshop on Animal Alternatives	A.V.C.College (Autonomous), Mayiladuthurai,	15 <sup>th</sup> March 2005.
3	Workshop on Basic Molecular Techniques	Gene Tech, Salem	7 <sup>th</sup> to 16 <sup>th</sup> April 2003.
4	Training Program on Biotech and its Applications	MCRC Tharamani, Chennai	12 <sup>th</sup> to 22 <sup>nd</sup> May 2003
5	Training Program on Mushroom cultivation	ABC Agrobiocare, Dharmapuri	6 <sup>th</sup> to 10 <sup>th</sup> Feb 2011.

### 18. Projects Completed:

S.No.	Name of the Projects	Period	Grant Received/Status
1	TNSCST Student Project	2014	10,000/Completed
2	TNSCST Student Project	2017	10,000/Completed
3	TNSCST Student Project	2018	7500/Completed
4	TNSCST Student Project	2022	7500/Completed

### 19. Any other Details: -

University of Madras recognized **Ph.D., Supervisor** - Ref No: No:RP

/Guideship/Ph.D./Approval/2021/1148 dated 25/OCT/2021

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