

## FACULTY PROFILE

Name : **Dr. V. SUNDARAM**

Designation : Professor (Horticulture)

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Mobile : 9486767090

Area of specialization : Horticulture (Vegetable Science)

Years of Experience : 33 years (as on **21.01.2026\***)



S.No.	Place of Work	Designation	Period of work
01	Krishi Vigyan Kendra, Gandhigram Rural University (Deemed to be University), Gandhigram, Dindigul District (TN)	Training Associate (Horticulture)	22.01.1993 to 21.12.1999
02	Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal, UT of Puducherry	Assistant Professor (Horticulture)	22.12.1999 to 20.08.2006
03	Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal, UT of Puducherry	Associate Professor (Horticulture)	21.08.2006 to 20.08.2012
04	Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal, UT of Puducherry	Professor (Horticulture)	21.08.2012 to till date

### Publications

	With ISBN	Without ISBN
<b>Books</b>	<b>01</b> (ISBN. 978 – 93 – 272 – 6328 – 2)	<b>13</b>
<b>Book Chapters</b>	<b>02</b> (ISBN-978-93-85503-35-1)	<b>05</b>

Research Articles (International)	Research Articles (National)	Research Notes
40	04	03

Conference/ Seminar / Symposium Papers	Poster Papers	Manuals (Teaching/Training/ e-courses)	Popular Articles/Pamphlet/Leaflets
27	11	55	83

### Guiding of Research Scholars

Students Guided	UG	PG	Ph.D.
	03	12 + 02*	-

\*Pursuing research

## Awards Received

S.No.	Name of Awards	Awarding Agency	Period		Level: International / National
			From	To	
01	Chancellor Thiru. K.K. Shah's prize for the best B.Sc. (Hort.) student of the University	TNAU Coimbatore	1986	1990	University
02	Dean Dr. C.R. Muthukrishnan medal for the highest mark for the B.Sc. (Hort.) student in all Horticultural Subjects	TNAU Coimbatore	1986	1990	University
03	South Indian Horticultural Association Medal for the best B.Sc. (Hort.) student of the University	TNAU Coimbatore	1986	1990	University
04	W.P.A.R. Rajaram medal for the best B.Sc. (Hort.) student of the University	TNAU Coimbatore	1986	1990	University
05	Thiru. W.P.A.R. Nagarajan of Pattiveeranpatti medal for the B.Sc. (Hort.) student for the highest marks in plantation crops	TNAU Coimbatore	1986	1990	University
06	Thiru. T. Gopalan Nair Memorial Award for the B.Sc. (Hort.) student for the highest mark in fruit crops	TNAU Coimbatore	1986	1990	University
07	Premier irrigation gold medal for the B.Sc. (Hort.) student for the highest marks in vegetable crops	TNAU Coimbatore	1986	1990	University
08	Horticultural Research Station Silver Jubilee Endowment prize for the B.Sc. (Hort.) student for the highest marks in crop production	TNAU Coimbatore	1986	1990	University
09	ASPEE Junior Research Fellowship in Horticulture from during 1990 – 1992	ASPEE Agricultural Research and Development Foundation, Mumbai	1990	1992	National
10	Best poster presentation award in the National Seminar on Convergence of Technologies for Organic Horticulture held at TNAU, Coimbatore	South Indian horticulture Association, TNAU, Coimbatore	2006		National

## Adhoc Projects handled since inception

S.No.	Name of the Scientist(s) involved	Title of the approved project	Duration (Period)	Name of the Funding Agency	Funds Received (Rs.)
01	<b>Dr. V. Sundaram</b>	Establishment of Shade-net Nursery for Production of Hybrid Vegetable Seedlings	1 year (2008-09)	DSTE, Government of Puducherry	70,000

02	Dr. R. Mohan Dr. E. Suburayalu <b>Dr. V. Sundaram</b> Dr. R. Sankar Dr. Shaik Allauddin Dr. A. Pouchepparadjou Dr. K. Madhiazhagan	Puducherry Precision Farming Project for Karaikal Region	7 Years (2008-15)	Department of Agriculture, Government of Puducherry	1,28,50,000
03	<b>Dr. V. Sundaram</b>	Training on Hi-Tech Cultivation of Hybrid Vegetables	1 year (2011-12)	NABARD	91,000
04	<b>Dr. V. Sundaram</b>	Studies on optimising Storage Conditions for Vegetables in ZECC under Coastal conditions	1 year (2012-13)	DSTE, Government of Puducherry	50,000
05	<b>Dr. V. Sundaram</b>	Production, Post- Harvest Management and Processing of Major Tropical Fruits	1 Year (2016-17)	Mission for Integrated Development of Horticulture (NHM)	2,10,000
06	<b>Dr. V. Sundaram</b> Dr. N. Swaminathan Dr. S. Saravanan	Conducting Skill Test for the Recruitment of Horticulture Assistant for NLC, Neyveli	2021-22	NLC, Neyveli	2,65,500
07	<b>Dr. V. Sundaram</b> Dr. M. Manikandan	High Density Planting in Mango and Guava – An Innovative Approach for Sustainable Fruit Production in Coastal Region	Two Years (2022-24)	MIDH- NHM,	17,45,000
08	Dr. T. Ramanadanae Dr. R. Poonguzhalan <b>Dr. V. Sundaram</b>	Studies on AGRINOS HYT Products on growth and yield of brinjal, bhendi and chillies	1 year (2022-23)	Agrinos India Private Limited, New Delhi	4,00,000

09	Dr. A, Pouchepparadjou <b>Dr. V. Sundaram</b> Dr. S. Muthukumarasamy Dr. R. Poonguzhalan Dr. M. Kandibane Dr. M.S. Marichamy Dr. C. Jeyalakshmi	Star College Scheme	3 Years (2022-25)	Department of Biotechnology	71,00,000
10	Dr. T. Ramanadanae <b>Dr. V. Sundaram</b>	Empowering Scheduled Caste Farmers on innovative Horticultural Technologies	1 year (2024-25)	ICAR-IISR, Kozhikode	6,20,000
11	<b>Dr. V. Sundaram</b> Dr. M. Manikandan	Bioefficacy of biostimulants Cycocel Sydney (SRY-BS-002) Vitamin B3 3.75 % in Okra	1 year (2024-25)	M/S. Ross Life Science, Pune	2,36,000
12	<b>Dr. V. Sundaram</b> Dr. E. Venkadeswaran	Bioefficacy of biostimulants Plant Armor Elite Duzor (BG-BS-002) in Chilli	1 year (2024-25)	M/S. Ross Life Science, Pune	2,50,000
13	Dr. V. Sridevi Dr. S. Mala <b>Dr. V. Sundaram</b>	Evaluation of Bioefficacy and phytotoxicity of liquid fertilizer (Congo Boost) in brinjal	1 year (2025-26)	M/S. Cropnosys (India) Private Limited, Bengaluru	3,65,387
14	Dr. V. Sridevi Dr. S. Mala <b>Dr. V. Sundaram</b>	Evaluation of Bioefficacy and phytotoxicity of liquid fertilizer (Borcal N) in brinjal	1 year (2025-26)	M/S. Cropnosys (India) Private Limited, Bengaluru	3,65,387

#### List of Papers with NAAS Ratings (Last 5 Years)

Sl. No.	Title	Year of Publication with NAAS Rating
01	Madumitha, M. and <b>V. Sundaram</b> . 2025. Foliar nano urea and micronutrient effect on fruit quality and nutrient uptake in bhendi ( <i>Abelmoschus esculentus</i> L. Moench). <i>Plant Sci. Today</i> . <b>12</b> (sp4):01-06 (pst10672)	6.70
02	Madumitha, M. and <b>V. Sundaram</b> . 2025. Effect of nano urea and micronutrient foliar application on growth and yield of bhendi [ <i>Abelmoschus esculentus</i> (L.) Moench]. <i>Plant Sci. Today</i> . <b>12</b> (sp4):01-06 (pst. 8915)	6.70

03	Madumitha, M. and <b>V. Sundaram</b> . 2024. Plant Growth Regulators in Abiotic Stress Resilience of Plants: A Review. <i>J. Exptl. Agri. Int.</i> , <b>46</b> (8): 364-372.	5.14
04	Selvaprabu, P. and <b>V. Sundaram</b> . 2024. Integrated Plant Nutrient Management on Bulb Quality and Nutrient uptake of Aggregatum Onion ( <i>Allium cepa</i> var. <i>aggregatum</i> ). <i>Int. J. Plant and Soil Sci.</i> , <b>36</b> (8):494-502.	5.07
05	Selvaprabu, P. and <b>V. Sundaram</b> . 2024. Integrated Plant Nutrient Management on Bulb Quality and Nutrient uptake of Aggregatum Onion ( <i>Allium cepa</i> var. <i>aggregatum</i> ). <i>J. Exptl. Agri. Int.</i> , <b>46</b> (6):610-619.	5.14
06	Jyothsna,J., S. Nadarajan, A. Shanthi, <b>V. Sundaram</b> and M.S. Marichamy. 2024. Multivariate Analysis for Designing Okra Crop Ideotype with Enhanced Yields and Strategy Formulation: A Crop Physiology Perspective. <i>J. Adv. Biol. &amp; Bio Tech.</i> , <b>27</b> (7): 727-736.	5.30
07	Prabhakaran, G.P. and <b>V. Sundaram</b> . 2023. Direct and indirect effects of quantitative traits on yield of bitter gourd ( <i>Momordica charantia</i> L.) hybrids. <i>Int. J. Environ. Clim. Change</i> . <b>13</b> (6): 472-475.	5.13
08	Prabhakaran, G.P. and <b>V. Sundaram</b> . 2023. Studies on character association in bitter gourd ( <i>Momordica charantia</i> L.) hybrids. <i>Prog. Hort.</i> 54(1): <i>Change</i> . <b>13</b> (6): 92-94.	4.49
09	<b>Sundaram, V.</b> and E. Venkadeswaran. 2022. Studies on character association in bhendi [ <i>Abelmoschus esculentus</i> (L.) Moench]. <i>Biological forum – An Int. J.</i> , <b>14</b> (4):548-551.	5.11
10	Prabhakaran, G.P. and <b>V. Sundaram</b> . 2022. Studies on the performance of bitter gourd ( <i>Momordica charantia</i> L.) hybrids for growth and yield attributes. <i>Biological forum – An Int. J.</i> , <b>14</b> (2):512-516.	5.11
11	<b>Sundaram, V.</b> and E. Venkadeswaran. 2022. Evaluation of bhendi [ <i>Abelmoschus esculentus</i> (L.) Moench] hybrids under coastal region of Karaikal. <i>Biological forum – An Int. J.</i> , <b>14</b> (1):143-146.	5.11
12	Prabhakaran, G.P., <b>V. Sundaram</b> and V. Krishnan. 2022. Genetic analysis of various growth and yield attributes of bitter gourd ( <i>Momordica charantia</i> L.) hybrids. <i>Green farming</i> , <b>13</b> (1&2): 319-321.	4.38
13	<b>Sundaram, V.</b> , E. Venkadeswaran and R. Vinothmani. 2021. Studies on the mean performance of F <sub>4</sub> families of bhendi [ <i>Abelmoschus esculentus</i> ] for growth and yield. <i>Res. On Crops</i> , <b>22</b> (1):129-133.	4.75
14	<b>Sundaram, V.</b> , R. Vinothmai and E. Venkadeswaran. 2020. Genetic analysis in F <sub>4</sub> generation of bhendi [ <i>Abelmoschus esculentus</i> ] for growth and yield. <i>Int. J. Curr. Microbiol. App. Sci.</i> , <b>9</b> (10):2817-2821.	5.38
15	Janarthanan, R. and <b>V. Sundaram</b> . 2020. Genetic studies in F <sub>2</sub> generation of bhendi [ <i>Abelmoschus esculentus</i> (L.) Moench]. <i>Elec. J. Plant Breeding</i> , <b>12</b> (1):259-262.	5.14
16	Janarthanan, R. and <b>Sundaram, V.</b> 2020. Studies on correlation coefficient in F <sub>2</sub> generation of bhendi [ <i>Abelmoschus esculentus</i> (L.) Moench] for growth and yield. <i>Int. J. Chem. Studies.</i> , <b>9</b> (10): 2817-2821.	5.31
17	Janarthanan, R. and <b>Sundaram, V.</b> 2020. Studies on the mean performance of F <sub>2</sub> segregants of bhendi [ <i>Abelmoschus esculentus</i> (L.) Moench]. <i>Int. J. Curr. Microbiol. App. Sci.</i> , <b>9</b> (10): 2817-2821.	5.38

## **Responsibilities**

- Served as **PI / Coordinator** of DBT sponsored Star College Scheme – Phase I (since 05.01.2022)
- Recognised as **Supervisor to guide Ph.D.** scholar in Horticulture by the Pondicherry University (PU/CE/PHD/2022-23/167 dt. 11.01.2023)
- Served as the **Head of the Department** (Horticulture) from **01.03.2019 to 28.02.2022**
- Serves as **Staff Advisor** from 28.11.2014 to 31.12.2018
- Shouldered the responsibility as **Farm Manager** from 26.02.2000 to 03.11.2003 and 08.01.2010 to 31.03.2012
- Served as UG coordinator (Agriculture / 2013-2017) and PG Coordinator (Horticulture) from 06.04.2007 to 25.08.2010.

## **Membership Boards / in Professional Bodies**

- ✓ Member **Academic Council** of Dr. YSR Horticultural University, Andhra Pradesh
- ✓ Member **PG Board of Studies** in Agricultural Sciences, Pondicherry University
- ✓ Member **UG Board of Studies** in Agriculture / Horticulture, Pondicherry University
- ✓ External Member **Board of Studies in Horticulture** – Central University of Thiruvapur
- ✓ Member (SAC), KVK, Sikkal (JJ Fisheries University, Nagapattinam)
- ✓ Member of Indian Society of Horticultural Research and Development
- ✓ Life Member of the Indian Pomological Society
- ✓ Life Member Indian Society of Plant Breeders
- ✓ Serving as external examiner for PG/Ph.D. in TNAU, Coimbatore, CUT, Tiruvapur (TN), Gandhigram /rural University, Gandhigram (TN), Annamalai University, Annamalai Nagar (TN) and Dr. YSR Horticultural University (AP)

**Dr. V. SUNDARAM, Professor (Horticulture)**

**Place: Karaikal**  
**Date: 13.01.2026**