

## FACULTY PROFILE

Name : **Dr. V.SRIDEVI**  
 Designation : Assistant Professor  
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 Area of specialization : Agronomy  
 Years of Experience : 10 years



### RESEARCH PUBLICATIONS

Research articles (International)	Research articles (National)	Research notes
13	10	--

Conference/ Seminar/ Symposium papers	Poster Papers	Manuals (Teaching/ Training/ E – Course)	Popular articles/ Pamphlet/Leaflet
20	13	10	3

Students Guided	UG	PG	Ph.D
	Nil	Nil	Nil

### Awards

S.No	Name of the award	Year	National/State/ University/College/Local
1.	PAJANCOA&RI Post graduate fellowship	2004	College
2.	Thiru. N. Arulmodzi Award for the best thesis in Agronomy	2007	College
3.	Student Senior Research Fellowship	2009	University
4.	Junior Scientist of the Year	2015	National
5.	Elite and silver certificate in ‘Organic farming for sustainable agricultural production’	2019	National
6.	Distinction in ‘Resource Management in Rainfed Drylands’	2019	International
7.	Distinction in ‘Conservation Agriculture based sustainable Intensification’	2019	International
8.	Distinction in ‘Diagnosis of crop and stored grain pests and their management’	2019	International

### Research Projects/Schemes completed:

S.No.	Name of the Scheme/Project	Year/ Period	Position	Salient findings
1.	Evaluation of sowing window and rice varieties for rainfed cultivation	2012-14	Co PI	Improved white ponni sown in 38 <sup>th</sup> Meteorological standard week (September 17-23) was found to be superior in registering more yield under rainfed rice

	during late <i>samba</i>			ecosystem.
2.	Foliar nutrition in rice	2012-13	Co PI	recommended dose of fertilizer (150: 50:50 kg ha <sup>-1</sup> NPK)+1% Urea foliar spray +1% Flexil foliar spray at 50% flowering stage Significantly influenced the rice growth and yield during <i>kharif</i> .
3.	Yield maximization of rice through different sources of nutrients	2015-17	Co PI	Combined application of recommended dose of fertilizer (150: 50:50 kg ha <sup>-1</sup> NPK) and FYM@12.5 t ha <sup>-1</sup> registered the highest yield. The highest net income was realized with combined application of 150: 50: 50 kg NPK ha <sup>-1</sup> and Vigore @ 625 g ha <sup>-1</sup> as basal + spray @ 1.25 g l <sup>-1</sup> at PI stage, while application of 150: 50: 50 kg NPK ha <sup>-1</sup> alone registered the highest B:C ratio.
4.	Evaluation of cultivars for weed competitiveness under puddled transplanted and direct wet seeded rice	2015-16	Co PI	Local high yielding varieties viz., ADT 46 and CO (R) 50 and hybrids viz., KRH 2, Mandya vijaya can be cultivated either as puddled transplanted or as wet seeded rice for harvesting good yield during <i>rabi</i> season.
5.	Optimization of fertilizer levels for salt tolerant rice cultures	2018&2019	PI	The rice culture KR 09003 out yielded in <i>kharif</i> and <i>navarai</i> . However, it was comparable with TRY 2 in <i>Kharif</i> . Among the fertilizer levels, application of 100% RDF (150: 50: 50 kg NPK ha <sup>-1</sup> ) gave economically viable yield.
6.	Performance evaluation cum demonstration of traditional rice varieties in the Karaikal region	2019&2020	PI	<i>Karuppu kavuni</i> , <i>Kattu samba</i> , <i>Kichilli samba</i> <i>Mapillai samba</i> , <i>Seeraga samba</i> and <i>Sivappu sirumani</i> were superior, while <i>Kadaikazhuthan</i> , <i>Kattuyanam</i> , <i>Thangasamba</i> were found to be inferior rice land races during <i>rabi</i> season.
7.	Yield maximization of rice through site specific nutrient management	2020-21	PI	Site Specific Nutrient Management (SSNM) and Recommended dose of fertilizer (RDF) registered more yield and higher returns in transplanted rice during <i>rabi</i> .
8.	Water management for enhancing water use efficiency in different rice establishment methods	2019-22	PI	Alternate wetting and drying recoded more grain yield. However, water management has no significant influence on grain yield. Among the crop establishment methods tried, SRI found to the best in obtaining improved grain yield.
9.	Long term trial on weed dynamics in mono or double cropped rice system under different establishment methods	2019-22	PI	Among the crop establishment methods, manual transplanting was superior to direct sowing (wet and dry). Among the weed management methods, weed free throughout the crop period gave higher grain yield.
10.	Enhancing productivity of organic rice cultivation in permanent plot & system based approach (Collaborative with Soil science)	2020-21	PI	FYM @ 10 t/ha + VC 2.5 t/ha + spray of liquid manure like Panchakavya registered more rice grain yield in <i>rabi</i> .

11.	Yield maximization of rice through site specific nutrient management	2020-21	PI	100% NP and 150%K of RDF (150:50:50 kg NPK ha <sup>-1</sup> ) found to be the best treatment to increase the grain yield.
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**Post Graduate student guided (As Chairman): Nil**

**Training undergone:**

S.No.	Title of the training	Place	Period		Sponsor
			From	To	
1.	Orientation Programme	BU, Trichy	04.07.2013	31.07.2013	UGC
2.	Teaching management	Online	1.11.2017	30.11.2017	NAARM
3.	Sustainable organic production practices – an approach to mitigate climate change and rural livelihood security	UAS, GKVK, Bengaluru	1.12.2017	21.12.2017	ICAR
4.	Resource Management in Rainfed Drylands	Online	25.03.2019	06.05.2019	COL, Canada
5.	Organic farming for sustainable agricultural production	online	29.07.2019	20.09.2019	UGC
6.	Regional Integrated Assessment of climate change on Agriculture	TNAU, Coimbatore	30.01.2020	19.02.2020	ICAR
7.	Academic writing	online	15.07.2019	09.11.2019	UGC
8.	Conservation Agriculture based sustainable Intensification	online	12.02.2020	31.03.2020	COL, Canada
9.	Climate risk assessment and its management through agrometeorological approaches	online	21.10.2020	30.10.2020	NAHEP, New Delhi
10.	e-Shodhyatra: Emerging trends and technologies for scholarly communication	Online	23.11.2020	02.12.2020	ICT, Mumbai

**List of best paper with NAAS ratings:**

Authors' name	Title	Year	Publishers Name	ISSN No.	NAAS Rating
Pooja, K, Saravanane, P., <b>Sridevi, V.</b> , Nadaradjan, S and Vijayakumar, S.	Effect of cultivars and weed management practices on productivity, profitability and energetics of dry direct seeded rice.	2021	Association of Rice Research Workers	0474-7615	5.03
Pazhanisamy, S., AL. Narayanan, <b>V. Sridevi, A.</b> Singh and A.K.Singh.	Effect of weather parameters on yield and yield attributes under aerobic rice cultivation during <i>navarai</i> season.	2020	Science Domain International	2457-1024	4.71
Srihari, V.A., V. Chellamuthu, P. Saravanane, and <b>V. Sridevi</b>	Split application of nitrogen and potassium along with <i>azophos</i> on yield of cotton in the coastal region of Karaikal, Puducherry UT	2015	Gaurav Publications (Agricultural Research Information centre)	0970-4884	4.41

Mounika, B., V. Chellamuthu and V. Sridevi	Plant spacing influence on relative productivity of Bajra napier hybrid grasses	2015	Serials publications	0254-8755	3.94
Mounika, B., V. Chellamuthu and V. Sridevi	Spacing influence on the nutrient uptake of Bajra napier hybrid grasses	2015	Serials publications	0254-8755	3.94
Mounika, B., V. Chellamuthu and V. Sridevi	Seasonal influence on the relative productivity of Bajra napier hybrid grasses under different spacings	2015	Serials publications	0254-8755	3.94
Sridevi, V. and V. Chellamuthu	Influence of System of Rice Intensification on Growth, Yield and Nutrient Uptake of Rice ( <i>Oryza sativa</i> . L)	2012	Madras Agricultural Students Union	0024-9602	4.52
Sridevi, V., S. Jeyaraman, S. Ramasamy, C. Chinnusamy, P. Muthukrishnan, N. Thavaprakash and Subbalakshmi Lokanadhan.	Yield and Economics of Transplanted Rice as Influenced by Crop Establishment Methods, Weed and Nutrient Management Practices	2012	Madras Agricultural Students Union	0024-9602	4.52
Sridevi, V. and V. Chellamuthu.	Advantages of SRI cultivation in the tail end of Cauvery delta	2012	Crop and weed science society	0974-6315	5.46
Sridevi, V., V. Chellamuthu and S. Jeyaraman.	System of Rice Intensification – a review	2011	Agricultural research communication centre	0253-1496	4.63