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### **Academic Background**

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<b>Degree</b>	<b>University</b>	<b>Year</b>
<b>Ph.D</b>	Tamil Nadu Agricultural University, Coimbatore	2014
<b>M.Sc. (Ag.)</b>	Tamil Nadu Agricultural University, Coimbatore	1990
<b>B.Sc. (Ag.)</b>	Tamil Nadu Agricultural University, Coimbatore	1987

### **Certifications**

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- Qualified in the National Eligibility Test (NET) conducted by Agricultural Scientist Recruitment Board (ASRB) and Indian Council of Agricultural Research (ICAR), New Delhi during 1992 in the professional subject Agronomy.
- Qualified in the National Eligibility Test (NET) conducted by Agricultural Scientist Recruitment Board (ASRB) and Indian Council of Agricultural Research (ICAR), New Delhi during 2013 in the professional subject Agronomy.

### **Additional Academic Qualifications**

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<b>CIC</b>	Certificate in Computing, Indira Gandhi National Open University, New Delhi	2002
<b>MBA</b>	Bharathidasan University, Trichirapalli (3 Years Program) (with <b>Systems and Marketing</b> dual specialization)	2000
<b>PGDMM</b>	Post Graduate Diploma in Marketing Management, Pondicherry University (Central University), Pondicherry	1998
<b>SWIFT</b>	National Institute of Information Technology, Chennai	1995

<b>PGPEE</b>	Post Graduate Program in Ecology and Environment, Indian Institute of Ecology and Environment, New Delhi	1994
<b>PGDBM</b>	Post Graduate Diploma in Business Management, Management Studies Promotion Institute, New Delhi	1994

### **Academic Distinctions**

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- Recipient of **Research Excellence Award - 2020**, from Society for Biotic and Environmental Research (SBER), Tripura.
- Recipient of Former Indian President **Dr. APJ Abdul Kalam Award for Scientific Excellence - 2017** from Marina Labs, 14, Kavya Gardens, NT Patel Road, Nerukundram, Chennai.
- Recipient of Former Registrar **Dr. P. Subbian Award for the Best Ph.D Thesis in Rice Agronomy for the year 2016. (With Gold Medal)** from Tamil Nadu Agricultural University (TNAU), Coimbatore.
- **4. Best Doctoral Dissertation Award for outstanding contribution in Agronomy (2015).** GKV, Society, Agra (UP).
- **Scientist Associate Award - 2014** from Directorate of Rice Research, Hyderabad. (SSDAT- 2014).
- **Best Library User Award for the year 2014** from Tamil Nadu Agricultural University, Coimbatore.

### **Courses Taught**

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- Fundamentals of Agronomy
- Principles of Agronomy and Agricultural Heritage
- Organic Farming
- Agronomy of Field Crops - I (Kharif)
- Agronomy of Field Crops - II (Rabi)
- Rainfed Agriculture and Watershed Management
- Crop Production Technology - I (Kharif)
- Crop Production Technology - II (Rabi)
- Fundamentals of Crop Physiology
- Dry Land Agriculture and Technology
- Experiential Learning Programs (ELP)
- UG Project Works

## **Research Interests**

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- Agro Ecology
- Organic Agriculture
- Precision Agriculture
- Sustainable Agriculture
- Soil and Crop Health Management / Nutrient Management

## **Professional Experience**

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- Teaching Agricultural Sciences : 10 Years
- Corporate Industry / Agro Projects Execution / Research : 10 Years
- Extension / Product Development / Business Development / Agricultural Organic Bio Inputs Marketing : 12 years (Total : 32 Years of Professional Experience)
- Field level demonstrations with farmers/planters with agro bio inputs S.India

## **Turnkey Commercial Agro Projects Executed**

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- Massive Landscaping works executed at Tata Chemicals Ltd, Babrala UP.
- Massive Afforestation works executed at Tata Chemicals Ltd, Babrala, UP.
- Captive Cassava Farming Project executed at Nigerian Starch Mills Ltd, Nigeria.
- Rice Contract Farming Project work executed at Manindra Shubhlabh Services Ltd, Mumbai. (Project Location : Madurai Dist. in Tamil Nadu).
- Commercial Farms and Orchards Management at Maxworth Orchards India Ltd, Chennai. (Project Location : Sirumalai Hills in Dindigul Dist. in Tamil Nadu).
- Tea Plantations Management in Woodbriar and Susux Estates Ltd, in Devarshola, in The Nilgiris.
- Coffee, Cardamom Plantations Management in Kurangumudi and Pthuthottam Estates in Valparai and Pooparai, Nedumgandam in Idukki Dist. Kerala.

## **Product Development / Business Development activities Handled**

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- Ramcides Chemicals Ltd, Chennai, Agro biotech products product development.
- Camson Biotechnologies Ltd, Bangalore, Agro bio tech products marketing and business development.
- International Panaacea Ltd, New Delhi, Agro biotech products marketing and business development.
- Green Tech Agro Products Ltd, Coimbatore, Agro biotech products marketing and product promotion.
- Indofil Chemicals Ltd, Coimbatore, Agrochemicals products promotion and sales promotion.

## Membership in Professional Bodies

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| • The Indian Society of Agronomy             | Life Membership |
| • Indian Society of Weed Science             | Life Membership |
| • Association of Agricultural Meteorologists | Life Membership |
| • The Madras Agricultural Journal            | Life Membership |
| • Trends in Biosciences Journal              | Life Membership |
| • Agrobios News Letter                       | Life Membership |
| • Kisan World                                | Life Membership |
| • Planters Chronicle                         | Life Membership |
| • Agri Business (Tamil)                      | Life Membership |
| • Valarum Velanmai (Tamil)                   | Life Membership |

## Recent Publications

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- **Sankaramoorthy Alagappan** and Rangasamy Venkitaswamy, 2019. Impacts of different sources of organic manures on soil physico-chemical properties, nutrient balance and yield of rice- greengram cropping sequence under organic farming. *International Journal of Agriculture and Environmental Science (SSRG-IJAES)*. Vol.6, Issue 4 - July-Aug 2019, pp. 65-85. [Scopus Indexed] ISSN : 2394-2568. IF : 1.47.
- **Alagappan, S** and R.Venkitaswamy, 2017. Comparative study of organic manures with recommended dose of fertilizer (RDF) and integrated nutrient management (INM) on dry matter production and grain yield in rice-greengram cropping system. *Journal of Advanced Research in Dynamical and Control Systems*. (Special Issue 18): 2011 – 2019. [Scopus Indexed] ISSN: 1943-023X. IF : 2.78.
- **Alagappan, S** and R.Venkitaswamy, 2017. Influence of different sources of organic manures on soil available micronutrients (Fe, Mn, Zn and Cu), crop uptake and yield of rice-greengram cropping sequence under organic farming. *Journal of Advanced Research in Dynamical and Control Systems*. (Special Issue 18): 2092-2108. [Scopus Indexed]. ISSN: 1943-023X. IF : 2.78.
- **Alagappan, S** and R.Venkitaswamy, 2016. Impact of different sources of organic manures comparison with RDF and INM on growth, yield and quality of rice (*Oryza sativa* L.) cultivar CO(R) 48 under organic farming. *Advances in Environmental Biology*. 10(3): 81-92. [Scopus Indexed] ISSN : 98-1066. SJR : 0.122, H Index : 23.
- **Alagappan, S** and R.Venkitaswamy, 2018. Impact of different sources of organic manures in comparison with TRRI practice, RDF and INM on growth, yield, soil microbial populations and enzymatic activities in rice-greengram cropping system under site-specific organic farming situation. *Int. J. Curr. Microbiol. App. Sci*, (Special Issue- 6): 165-178 (NASS Rating : 5.38). [Scopus Indexed], ISSN: 2319-7706.

- **Alagappan, S** and R.Venkitaswamy, 2016. Impact of different sources of organic manures in comparison with TRRI practice, RDF and INM on growth, yield and soil enzymatic activities of rice-greengram cropping system under site-specific organic farming situation. *American-Eurasian Journal of Sustainable Agriculture*. 10(2): 1-8. [Impact Factor and Thomson Reuters]. ISSN: 1995-0748 [Scopus Indexed] H Index : 72, SJR : 1.25.
- **Alagappan, S** and R.Venkitaswamy, 2016. Physiological parameters, leaf nitrogen content, nitrogen use efficiencies on grain yield of rice (*Oryza sativa* L.) as affected by different sources organic manures in comparison with TRRI practice, RDF and INM under site-specific organic farming condition. *American-Eurasian Journal of Sustainable Agriculture*. 10(1): 38-46. [Impact Factor and Thomson Reuters]. ISSN: 1995-0748 [Scopus Indexed] H Index : 72, SJR : 1.25.
- **Alagappan, S** and R.Venkitaswamy, 2016. Yield and economics of rice-greengram cropping system in relation to site-specific organic nutrient management with different sources of organic manures in comparison with RDF and INM. *Australian Journal of Basic and Applied Sciences*. 10(1): 537-541. [SJIR Index and Thomson Reuters]. ISSN: 1991-8178 [Scopus Indexed] IF : 3.84.
- **Alagappan, S** and R.Venkitaswamy, 2015. Development of SPAD values for rice variety CO(R)48 while using various sources of organic manures in comparison with RDF and INM at different growth stages of rice for attaining optimum yield. *Australian Journal of Basic and Applied Sciences*. 9(35): 122-125. [SJIR Index and Thomson Reuters]. ISSN: 1991-8178 [Scopus Indexed] IF : 3.84.
- **Alagappan, S** and R.Venkitaswamy, 2015. Impact of different sources of organic manures in comparison with TRRI practice, RDF and INM on growth, yield and soil microbial populations in rice-greengram cropping system. *Australian Journal of Basic and Applied Sciences*. 9(35): 174- 181. [SJIR Index and Thomson Reuters]. ISSN: 1991-8178 [Scopus Indexed] IF : 3.84.
- **Alagappan, S** and R.Venkitaswamy, 2015. Impact of different sources of organic manures in comparison with RDF, INM and TRRI practice on growth, yield, quality and economics of rice-greengram cropping system. *Journal of Applied Sciences Research*. 11(22): 146-154. [SJIR Index and Thomson Reuters]. ISSN : 2348 - 0416 [Scopus Indexed], IF : 1.58.
- **Alagappan, S** and R.Venkitaswamy, 2015. Impact of different sources of organic manures in comparison with RDF and INM on growth and yield of rice-greengram cropping system. *The Ecoscan*. 9(1&2) : Supplement on Rice : 225-230. (NASS Rating : 5.07). ISSN: 0974- 0376. IF :5.25.
- **Alagappan, S** and R.Venkitaswamy, 2015. Performance of different sources of organic manures with RDF and INM on tiller production, dry matter production, grain and straw yield of rice (*Oryza sativa* L.) *The Ecoscan*. 9(1&2): Supplement on Rice: 905-910. (NASS Rating : 5.07). ). ISSN: 0974- 0376. IF :5.25.
- **Alagappan, S** and R.Venkitaswamy, 2016. Performance of different sources of organic manures in comparison with RDF and INM on nutrient uptake, nutrient

balance and soil properties in rice-greengram cropping sequence. *International Journal of Agricultural Sciences*. 12(2): 326-334. (NASS Rating: 4.82). ISSN : 0973 - 130X.

- **Alagappan, S.,** R.Venkitaswamy and Mariappan.G. 2016. Impact of Physiological parameters, leaf nitrogen content, on grain yield of rice (*Oryza sativa* L.) with different sources organic manures in comparison with TRRI Practice, RDF and INM under site-specific organic farming condition. *International Journal of Bio Resource and Stress Management*, Vol 7 (Special Issue 6): 330-335. (NASS Rating : 4.65). ISSN 0976- 3988.

## **Publications and Trainings**

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- 11 Research Papers Published in Reputed International Journals with Scopus Indexed.
- 16 Research Papers Published in Reputed National Journals with good NAAS Ratings.
- 13 Book Chapters published with ISBN
- 05 Books published with ISBN
- 30 Popular articles published with ISBN
- 35 Papers presented in International Conferences
- 15 Papers presented in National Conferences
- 20 Professional Trainings attended from various International and National level reputed institutions / organizations.

## **Professional Trainings**

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- **21 Days National Training Course** on Training Technology interventions Towards Transformation of Agriculture, Sericulture, Animal Husbandry and Allied Sectors into Sustainable Enterprises for Atmanirbhar Bharat. Organised by Agro Environmental Development Society, Rampur (UP), Central Sericultural Research & Training Institute, Mysuru, Bioved Research Institute of Agriculture, Technology and Sciences, Allahabad, Pondicherry Institute of Agricultural Sciences, Puthucherry. during 11 - 31 October, 2020.
- Organic Agriculture Training, organised by Department of Organic and Sustainable Agriculture, Tamil Nadu Agricultural University, Coimbatore during 6th July 2017. Latest aspects of organic farming on farmers point of view was organized and trained on this program.
- Commercial preparation of Novel Bakery Products from Post Harvest Technology Centre, TNAU, Coimbatore during 06th & 7th May 2014. Learned commercial preparation of Novel Bakery Products.
- The Seven Habits of Highly Effective People from Franklin Covey Organization Services, Malaysia during 22nd-24th February 2001. Gained good practical and psychological training modules on personality development and leadership development.

- Zeal Diploma Zeal Leadership Course from Zeal Institute of Personality Development, Chennai during 1st July - 13th July 1997 for Public speaking and personality skill set development program.
- Floriculture Industry and its Export Prospects from Indian Institute of Horticultural Research, Bangalore and Small Industries Product promotion Organization Limited, Chennai during 15th - 17th February 1995 and learned the latest developments in the Floriculture Industry and its Exports Prospects in India.
- Agri Clinics & Agri Business Centres Development from Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India, MANAGE, NABARD, IIBAT & SFAC New Delhi during 15<sup>th</sup> August-15th October 2002 and learned latest Agri Business development systems and successful commercial models developments in South India for implementation.
- Personal Effectiveness Programme (PEP) from Madras Management Association & Zeal, Chennai during 24th May-02nd August 2013 and learned the Art of Public Speaking and Personality Development Skills learned.
- Issues and Strategies of Nutrient Management in Crops from International Plant Nutrition Institute & Tamil Nadu Agricultural University, Coimbatore during 6th December 2013 and learned latest nutrient management concepts for agricultural crops.
- Mushroom Cultivation Training from Directorate of Plant Protection, Department of Plant Pathology, TNAU, Coimbatore during 5th December 2013 and learned advanced mushroom commercial cultivation techniques in detail.
- Bee Keeping & Rearing from Directorate of Plant Protection, Department of Agricultural Entomology, TNAU, Coimbatore during 7<sup>th</sup> October 2013 and learned Bee Keeping and Bee Rearing Techniques for commercialization.