

Curriculum vitae

Professional thought

I am a creative and enthusiastic Agronomist with five years of research experience in Agronomy. I have experience in designing and carrying out experiments, researching scientific literature, handling scientific issues and writing technical reports. I possess excellent analytical and communications skills and a dedicated approach to work in a highly controlled working environment. I am currently looking for a challenging opportunity within the science sector.

Personal Details

1. Date of Birth : 22.11.1995
2. Nativity : Y. Kodikulam, Madurai East, Tamil Nadu
3. Father's name : V. Annadurai
4. Mother's name : A.Saradha
5. Address : C. 27, Staff quarters,
Agricultural College Campus,
Madurai – 625104
6. Nationality : Indian
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9. Research gate : Vasuki Annadurai
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11. Linked in : vasuki annadurai
12. Education :

Year	Degree/Discipline	Institute	Marks obtained
2011	SSLC	Arul Malar Matriculation Higher Secondary School, Madurai	445/500
2013	HSC	S.B.K. Girls Higher Secondary School, Aruppukottai, Virudhunagar	1031/1200
2013-2017	B.Sc in Agriculture	Faculty of Agriculture, Annamalai University, Chidambaram	8.27/10.00
2018 - 2021	M.Sc. (Ag.) in Agronomy	Agricultural College and Research Institute, Killikulam, TNAU	8.69/10.00
2021 - 2023	Ph.D. (Ag.) in Agronomy	Agricultural College and Research Institute, Madurai, TNAU	8.72/10.00

13. Research Experience

Degree	Period	Institute	Responsibilities
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M.Sc	July 2019 - December 2020	Agricultural College and Research Institute, TNAU Killikulam	Research: “Effect of irrigation regimes and nutrient levels on the performance of transplanted rice (<i>Oryza sativa</i> L.) under Tamirabarani Command area”.
Ph.D	October 2021 - October 2023	Agricultural College and Research Institute, TNAU Madurai	Research: “Studies on the influence of water saving techniques and nano N and K fertilizer application on the productivity of transplanted rice (<i>Oryza sativa</i> L.)

14. Membership of Professional Associations:

S.No	Details	Place	Period
1.	All India Agricultural Student Association (AIASA)	Tamil Nadu Agricultural University, Coimbatore	From 2022

15. Workshop / symposiums / conferences attended / presented papers:

S.No	Details	Place	Period	Year
International				
1.	Presented on Automated/Robotic weed management: A Viable option in future” in International Conference on Innovative Approaches in Crop Improvement for Sustainable Agriculture (IACISA)	JSA College of Agriculture and Technology	23 rd , February	2023
2.	International web-conference on “Natural Resource management for Global Food Security and Sustainable Development Goals”	Academy of Natural Resource Conservation and Management and Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences	2 nd – 3 rd December	2022
3.	International Conference (ICCRF 2022) on “Climate Resilient Farming through multifaceted production strategies”.	Tamil Nadu Agricultural University, Coimbatore	17 th – 18 th March	2022
4.	International Virtual Conference on Efficient Potassium Utilization for Food and Nutritional Security	Faculty of Agriculture, Annamalai University	13 th December	2021

5.	International Virtual conference on “Agriculture to Agri Business – Paradigm Shift in Agriculture”	Faculty of Agriculture, Annamalai University	15 th September	2021
6.	International Virtual conference on “Climate change and natural resource management”	Faculty of Agriculture, Annamalai University	14 th September	2021
National				
1.	One day symposium (hybrid mode) on ‘Soils: Where food begins’	Division of Soil Science and Agricultural Chemistry, ICAR-IARI and Indian Society of Soil Science (ISSS)-Delhi.	5 th , December	2022
2.	National training in “Advances in Weed Management for Sustainable Agriculture”	Indian Society of Weed Science and Directorate of Weed Research, Jabalpur	13 th -18 th December	2021
3.	National seminar on “Barnyard Millet – A Promising crop for Future Needs”	Agricultural College and Research Institute, Madurai	10 th November	2021
4.	“Writeshop – 2.0”	Tamil Nadu Agricultural University, Coimbatore	30 th September	2021
5.	“I Thenticate – Mechanism for Scholarly Writing”	Turnitin, Noida	29 th July	2021
6.	Workshop on “Stress management”	Tamil Nadu Agricultural University, Coimbatore	12 th March	2020
7.	Workshop on “Big Data Analysis for Agricultural Sciences Workshop”	Tamil Nadu Agricultural University, Coimbatore	6 th and 7 th March	2020
8.	Workshop on “Advanced Statistics for Technical Enhancement in Agricultural Research Workshop”	Tamil Nadu Agricultural University, Coimbatore	28 th and 29 th February	2020
9.	Workshop on “Technical Writing Skills”	Tamil Nadu Agricultural University, Coimbatore	11 th February	2020
10.	Workshop on “Career Planning”	Tamil Nadu Agricultural University, Coimbatore	10 th February	2020
11.	Workshop on “Fertiliser Orientation Course”	Fertilizer Association of India – Southern Region	26 th April	2019

16. List of publications

S.No	Authors	Title & Details	Year
Journal articles			
1.	Vasuki A, M. Joseph, D. Rajakumar and B. Jeberlin Prabina	Influence of nutrient levels and irrigation regimes on yield attributes, yield and WUE of transplanted rice under Tamirabarani command area. <i>International journal of chemical studies</i> . 8 (6) – 1108 -1111	2020
2.	A.Vasuki, V.K.Paulpandi, R. Durai Singh, A. Gurusamy, P.P. Mahendran, T. Sivakumar and K. Prabakaran	Influence of irrigation methods and nano fertilizer application on the yield of transplanted lowland rice (<i>Oryza sativa</i> L.) in Periyar Vaigai Command area of Madurai. <i>Agriculture science digest</i> .	2023
3.	Kiran, D.R.K. Saikanth, Anadi Ranjan Saikia, Rajesh Chitney, Nilabh Talukdar, Raj Bahadur and A.Vasuki	Smart Agriculture: Technologies, Practices and Future Directions. <i>International Journal of Environment and Climate Change</i> . 13 (12): 689-695.	2023
4.	Jayaraj M, A. Sangothari, H.A. Archan, A. Vasuki, R. Surya and T. Keerthana	Biodiversity Conservation in Agricultural Landscapes: The Role of Integrated Farming Systems. <i>International Journal of Environment and Climate Change</i> . 14(2): 577-583.	2023
Popular articles			
1.	Vasuki, S.M. Sridhar, K. Saravanan, R.C.Prasanth and J. Vanathi	Soil fertility management in Organic Farming	2022
2.	S.M.Sridhar, A. Vasuki, Balamurugan Pallavi, K. Vanitha	Climate smart Agriculture	2022
3.	R. Surya, M. Jayaraj, N. Vinitha and A. Vasuki	Artificial Intelligence (AI): Future of Indian Agriculture	2022
4.	R.Surya, Jasmine Juliet Richard, M. Jayaraj, A.Vasuki and N. Vinitha	Cover crops- Savior of Erosion	2023
Book/Booklet chapter			
1.	தாமிரபரணி பாசன பகுதிகளில் நீர் பாசன முறைகள் மற்றும் ஊட்டச்சத்து மேலாண்மையில்	6 th National Conference on Agricultural Scientific Tamil	2019

	நெல்லில் மகசூல் மற்றும் நீர் பயன்பாட்டுத் திறனை அதிகரித்தல்		
2.	A.Vasuki , R. Surya, I.Chinnamani and K. Sreedevika. Smart irrigation technologies.	Stella international publication. ISBN No : 978 – 81 – 9692-3 - 19	2024
Conference Abstracts			
1.	Vinitha N, ChelviRamessh, Surya R, Vasuki A and Chinnamani I	Effect of filler materials on growth of Drum Seeded Rice	23 rd , February 2023
2.	Prasanth RC, Venkataraman NS, Prabaharan J, Nandhini Y and Vasuki A	Impact on quality of fodder sorghum with intercropping under varied crop geometry and nitrogen levels	23 rd , February 2023
3.	Vasuki A , Chinnamani I and Surya R	Automated/Robotic weed management: A viable option in future	23 rd , February 2023
4.	R. Surya, M. Jayaraj and A. Vasuki	Artificial Intelligence: Future of Agriculture and its challenges	23 rd , February 2023
5.	A.Vasuki , M. Joseph, M. Hemalatha and R. Surya	Impact of irrigation regimes and nutrient levels on yield, total water consumption and water saving percentage of transplanted rice (<i>Oryza sativa</i> L.)	02 nd – 03 rd , December, 2022
6.	K. K. Suvain, A. Vasuki , V.K. Paulpandi and G. Srinivasan	Enhancing the <i>In-situ</i> Decomposition of Crop Residues with the application of Bio- inoculants – International conference on Recent Advances in Agricultural, Biological and Applied Sciences Research	8 th – 9 th August, 2022
7.	Jayaraj M, Durai singh R and Vasuki A	Role of pulses in India's nutritional security – 7 th National Youth Convention	22 nd -24 th March, 2022
8.	A.Vasuki , M. Joseph and M. Hemalatha	Effect of irrigation regimes and Nutrient levels on Growth and Physiological Characters of Transplanted Rice (<i>Oryza sativa</i> L.). International Conference on Climate Resilient Farming Through Multifaceted Production Strategies	17 th – 18 th March 2020

Career Highlights

- **NET – National Eligibility Test** – awarded by Agricultural Scientist Recruitment Board/ Indian Council of Agricultural Research in discipline of “AGRONOMY” and qualified by securing **49.11%**

Work Experience and Knowledge in the fields of

Agronomy

- Irrigation
- Nutrient management
- Weed management

Administrative experience

- Organized and conducted social programme in village (Keelakundapadi, Cuddalore).
- Handled practical classes for UG.

Computer Proficiency

- MS office
- Statistical software (AGRES, R-Program, STAR-IRRI, WASP).

Languages

- English
- Tamil

Referees

Referee 1

Dr. V. K. PAULPANDI

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Madurai,

Tamil Nadu

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Referee 2

Dr. M. Joseph,

Professor,

AC & RI, TNAU, Killikulam

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Declaration

I, Vasuki A hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

VASUKI A