**RESUME**

Name : R. VIMALRAJ

Email address : vimalagri11@gmail.com

Contact number : 6379228854

**OBJECTIVE:**

* To seek an Assistant Professor position which provides ample opportunity to exhibit the skills and to upgrade the knowledge.
* Aspiring to work with the progressive organization in order to function effectively with strong dedication and permit scope for advancement.
* A highly motivated agronomy post- graduate with expertise in optimizing weed management using drones.

**ACADEMIC QUALIFICATION:**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **BOARD & PASSING YEAR** | **OGPA / PERCENTAGE** |
| M.Sc. Agriculture (Agronomy) | Pandit Jawaharlal Nehru College of Agriculture and Research Institute | Pondicherry University (2024) | 7.94 |
| B. Sc. Agriculture | Pandit Jawaharlal Nehru College of Agriculture and Research Institute | Pondicherry University (2022) | 7.44 |
| HSC | Holy Flower HR SEC School. | Tamil Nadu Board of Higher Secondary Education (2018) | 76.8 |
| SSLC | Shri Hindocha Charitable Trust HSS. | Tamil Nadu Board of Higher Secondary Education (2016) | 84.2 |

**THESIS AND SEMINAR:**

|  |  |  |
| --- | --- | --- |
| **PARTICULAR** | **TITLE** | **OUTLINE** |
| Thesis (M. Sc.) | Optimization of spray fluid volume for weed management through drones in summer cotton. | Application of pendimethalin @ 1 kg/ha under drone spray of 37.5 l/ha was effective in minimizing weed growth, weed biomass production, crop weed competition and NPK depletion by weeds, while enhancing crop growth, yield attributes, seed cotton yield and NPK uptake. |
| Seminar (M. Sc.) | Role of brown manuring for effective weed management in sustainable farming | Integrating brown manuring into cropping system mitigates weed pressure, supports biodiversity, and maintaining long- term soil fertility. |

**PROFESSIONAL PROFICIENCY:**

**Articles published:**

**Popular Article:**

* **Vimalraj, R**., Karthickraja, A. and Saravanane, P. 2024. Effective chemical weed management in cotton. *GreenariA – An Agricultural monthly e-magazine*, 02(10), 147-149.
* **Vimalraj, R**., Karthickraja, A. and Saravanane, P. 2024. Weed seed bank depletion: a key strategy for future weed management. *GreenariA – An Agricultural monthly e-magazine*, 02(10), 129-130.
* **Vimalraj, R**., Sruthi, S. and Mohana Priya, M. 2024. Turning waste into gold: the zero-waste revolution of spent mushroom compost. In: *Proceedings* *of* one day workshop on “Oyster and Milky mushroom production and value addition of mushrooms”, JSA College of Agriculture and Technology, Avatti, Cuddalore. p. 73-77.
* **Vimalraj, R**., Mohana Priya, M. and Sruthi, S. 2024. Role of brown manuring for effective weed management. *GreenariA – An Agricultural monthly e-magazine*, 02(07), 21-24.
* Sruthi, S., Mohana Priya, M., and **Vimalraj, R**. 2024. Harnessing fungi: mushroom cultivation for soil amendment and bioremediation. In: *Proceedings* *of* one day workshop on “Oyster and Milky mushroom production and value addition of mushrooms”, JSA College of Agriculture and Technology, Avatti, Cuddalore. p. 69- 73.
* **Vimalraj, R**., Mohana Priya, M. and Sruthi, S. 2024. Preservation of forage crops: hay and silage making. *GreenariA – An Agricultural monthly e-magazine*, 02(10), 157-159.
* Mohana Priya, M., **Vimalraj, R**., and Sruthi, R. 2024. Valorization of mushroom by-products for resource optimization in crop production. In: *Proceedings* *of* one day workshop on “Oyster and Milky mushroom production and value addition of mushrooms”, JSA College of Agriculture and Technology, Avatti, Cuddalore. p. 134- 138.

**Full paper published:**

* **Vimalraj, R**., Saravanane, P., Poonguzhalan, R. and Mohan, R. 2024. Effect of varied levels of pre-emergence pendimethalin herbicide application on crop phytotoxicity and early growth of sesame (*Sesamum indicum* L.). In: *Proceedings* of Second National Conference on “Emerging Trends and New Vistas in Applied Sciences”, society for nature and applied sciences (SNAS), Arasu Engineering College, Kumbakonam, Tamil Nadu, p- 80-82.
* Deivasigamani, S., Vetrivendhan, E., **Vimalraj, R**., and Kavitha, S. 2025. Evaluation for number and size of bulbs in small onion (Allium cepa) incorporated with biofertilizer and organic manure under garden land condition. *International Journal of Innovative Science and Research Technology*, 10(3), 1720-1724.

**Abstract Published:**

* Saravanane, P., **Vimalraj, R**., Nadaradjan, S. and Mohan, R. 2024. Integrated weed management in cotton-based intercropping system. In: *Proceedings* of ISWS Biennial conference on “Climate-smart weed management for global food security”, Banaras Hindu University, Varanasi, India. p- 93.

**Book Chapter:**

* **Vimalraj, R**., Mohana Priya, M., Sruthi, S. and Reddy, M.T. 2024. Soil Organic Matter. In Rohit, P., Anisha, J., Dara, H.E., Chandra, S. and Megha, B. (Eds.), Concepts of basic soil science. *Jaya Publishing House*, Delhi (India), (pp.175 - 187).
* Sruthi, S., Reddy, M.T., **Vimalraj, R**. and Mohana Priya, M. 2024. Soil Colloids – Properties & Classification. In Rohit, P., Anisha, J., Dara, H.E., Chandra, S. and Megha, B. (Eds.), Concepts of basic soil science. *Jaya Publishing House*, Delhi (India), (pp.153 - 166).
* Sruthi S., Jebisha R. and **Vimalraj R.** 2025. Nutrient Management In Tropical Soils: Challenges And Solutions. In Deepak Sharma., Shobha Malviya., Subhajeet Sarkar., Vavilla Prasad and Mukesh Prajapat (Eds.), Soil fertility and plant nutrition. National press association, New Delhi (India), (pp. 290-296).

**Award and Paper presentations:**

* Best poster presentation award in second national conference on “Emerging trends and new vistas in applied science” conducted at Arasu engineering college on April 27th 2024.
* Best oral presentation award in international conference on “Advances in Plant Health Improvement for Sustainable Agriculture (APHISA-2025)” conducted at VOC Agricultural college and research institute, Killikulam on February 14th – 16th 2025.

**Seminar and Conference attended:**

* Participation in international seminar on “Sensitizing the millet farming, consumption and nutritional security- challenges and opportunities” conducted by department of agricultural economics and extension, PAJANCOA & RI on 9th & 19th November, 2023.
* Worked as an organizing committee member in one day workshop on “Perspective role of miller production strategies to augment the sustainability and to mitigate climate change for better livelihood of farming community” organized by Dept. of Agronomy and Dept. of Agricultural economics & extension, PAJANCOA & RI, on 17th April ,2023.
* Participated in one day workshop on “Perspective role of miller production strategies to augment the sustainability and to mitigate climate change for better livelihood of farming community” organized by Dept. of Agronomy and Dept. of Agricultural economics & extension, PAJANCOA & RI, on 17th April, 2023.
* Participated in one day workshop on “AN empirical assessment of production and consumption patterns of millets in Karnataka, Tamil Nadu and U.T. of Puducherry” organized by department of agricultural economics and extension, PAJANCOA & RI on 12th march, 2024.
* Participated in one day work shop on “Oyster & milky mushroom production technology and value addition of mushroom” organized by department of plant pathology & agricultural extension at JSACAT on 30th march, 2024.

**Trainings attended**

* Participated in 3 days organic farming training conducted by Nammalvar organic farming training institute, Pondicherry on 30th October 2021 and 27, 28th November, 2021.
* Participated in training on “Techniques related to traditional organic paddy cultivation, organic farming, natural input production, use of crop protection through hands - on demonstration in field conducted by vedapuri natural farmers association from 27.10.2021 to 07.02.2022.
* Participated in one day training course for “fish farming “at NVR farms, korkadu on 11th December, 2021.
* Participated in 15 days international training cum workshop program on “Agriculture 5.0 next level approach towards smart farming, innovation and agripreneurship” conducted by just agriculture education group & AEEFWS from 15th August to 29th August, 2023.
* Participated in 30 days winter school training program-Krishi Manthan “Technological advances leading to smart farming & agripreneurship” conducted by just agriculture education group during 01st January to 30th January, 2024.

**WEBINARS ATTENDED:**

* Participated in 1 day webinar in AI&ML tools for agriculture conducted by Krishi Career Academy & Bioresearch community on 29th Dec 2024.
* Participated in 1day international webinar in “Pulses: Bringing Diversity to Agrifood System” conducted by Agri meet foundation bharat on 10th Feb 2025.

**ADDITIONAL COURSES:**

* Completed integrated pest management (IPM) course in agMOOCs conducted during July 11th – September 15th, 2023.

**CO-CURRICULAR AND EXTRA CURRICULAR ACTVITIES:**

* Have sound knowledge in MS office
* Sports (Volleyball, Kabaddi, Table Tennis, Ball Badminton, Track events)

**SKILLS**

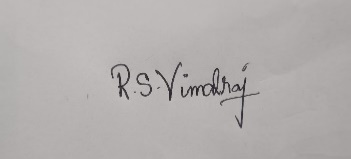
* Time management, punctuality, leadership, management.

**ACHIEVEMENTS:**

* First prize in inter college tournament “Jeux d’ Agri-2024” for the event “Volleyball”.
* First prize in State level intercollegiate tournament “Chairman's trophy Spiker’s- 2024” for the event Volleyball.
* Second price in inter college tournament “Jeux d’ Agri-2023” for the event “Volleyball”
* Second price in inter college tournament “Sporag-2019” for the event “Volleyball”
* First prize in Annual Sports Meet 2024 for the event “Kabaddi”
* First prize in Annual Sports Meet 2024 for the event “Cricket”
* Second prize in Annual Sports Meet 2024 for the event “Volleyball”
* Second prize in Annual Sports Meet 2024 for the event “Table Tennis”

**DECLARATION:**

I hereby declare that all the information furnished in the resume is true to my knowledge.



Place: Pondicherry

Date: 20-02-2025 Signature