



Kavitha S

Ph.D. Seed Science
And Technology

Contact

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Krishnagiri, Tamil Nadu
635203

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kavithasowmiyaseedtech@gmail.com

Skills

Classroom presentations



Student records
management



Lecturing



Student counseling



Assistant Professor with one year of experience successfully contributing to Seed Science and Technology curriculum development and delivery. Driven to contribute to program outcomes by facilitating engagement and supporting learning objectives. Enthusiastic professional with background in academic advisement.

Work History

2014-03 - 2014-08	Junior Research Fellow GOI-DUS scheme, TNAU, Coimbatore Implementation of PVP legislation through DUS testing under ICAR and SAU systems
2017-12 - 2018-07	PMFBY Staff ADA office, Krishnagiri <ul style="list-style-type: none">Worked as a PMFBY Staff in the “Pradhan Mantri Fasal Bima Yojana” Crop insurance scheme at the ADA office, Krishnagiri
2018-07 - 2019-05	Assistant Professor S. Thangapazham Agriculture College, Vasudevanallur, Tenkasi District <ul style="list-style-type: none">Built strong rapport with students through class discussions and academic advisement.Revised course objectives, course materials, instructional and assessment strategies for SST 201 - Principles of Seed Technology (2+1), SST 301 - Seed Quality Regulation and Storage (1+1), EXP 401 Commercial Seed Production (0+5) and CRP 101 - Fundamentals of Crop Physiology (2+1) courses.Mentored students and communicated internship and employment opportunities.

Education

2009-08 - 2013-06	B.Sc.: Agriculture Adhiparasakthi Agricultural And Horticultural College OGPA: 7.79
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Grading

Advanced

Performance improvement

Advanced

Student research guidance

Advanced

2014-08 -
2016-09

M.Sc. : Seed Science And Technology
Agricultural College And Research Institute - TNAU, Coimbatore
OGPA: 8.84

2019-08 -
2023-08

Ph.D.: Seed Science And Technology
AC&RI, Tamil Nadu Agricultural University - Coimbatore
OGPA - 8.41

Languages

Tamil and English

Thesis title & Specialization:

- a) **M.Sc.** Seed Science and Technology
- i) Title of thesis: **‘A Comparative study of Accelerated Ageing and Natural Ageing in Maize, Black gram and Sesame’**
- ii) Specialization: Seed Storage
- b) **Ph.D.** Seed Science and Technology
- i) Title of thesis: **Development of Herbal based formulation for enhancing the storability of pulse seeds.**
- ii) Specialization: Seed Storage

NET Qualification

Cleared **ASRB NET** - 2019 in Seed Science and Technology with **51.1 %**

Publications

- Kavitha, S., C. Menaka, S. Srinivasan, A.Yuvaraja. 2017. **Accelerated Ageing Test in Maize: Pattern of Seed Deterioration.** Madras Agricultural Journal. 104(1-3): 41-44.
- Kavitha, S., C. Menaka, M. Ananthi. 2017. **Deterioration in sesame (*Sesamum indicum* L.) seeds under natural and accelerated ageing.** International Journal of Chemical Studies 5(4): 1141-1146.
- Kavitha, S., C. Menaka, M. Ananthi. 2017. **Comparative study of physical, physiological, biochemical and histological changes due to**

accelerated and natural ageing of blackgram seeds. International Journal of Chemical Studies. 5(4): 1969-1973.

- Kavitha, S., J. Renugadevi, P.R. Renganayaki, M. Suganthi, P. Meenakshi, K. Raja, K. Madhan. 2023. **Comparative phytochemical profiling of Psophocarpus tetragonolobus (L.) D.C. seed extracts for effective storage of cowpea seeds.** Legume Research: 1-9.
- Kavitha, S., J. Renugadevi, P.R. Renganayaki, M. Suganthi, P. Meenakshi, K. Raja, K. Madhan. 2023. **Phytochemical profiling of Erythrina variegata leaves by Gas Chromatography-Mass Spectroscopy.** Agricultural Science Digest: 1-9.

Conference

- Poster presentation in the National conference on "Climate Smart Agriculture for Livelihood Security : Challenges and Opportunities" held at Anbil Dharmalingam Agricultural college and Research Institute, Tamil Nadu Agricultural University, Tiruchirapalli (2019).
- Poster presentation in the 6 th AGSC 2020 under the theme "Multi-Dimensional Approaches in Transforming Agriculture" at TNAU, Coimbatore.
- Poster presentation in the 7 th National Youth Convention 2022 under the theme " Food Security to Nutritional Security: Youth Perspective" at TNAU, Coimbatore.
- Tamil conference - Kavitha, S., C. Menaka, M. Ananthi. 2017. Accelerated ageing test in sesame: pattern of seed deterioration. ISBN: 978-93-9731-29-0.
- Participated in the International e - conference on "Recent Developments for Sustainable agriculture" held at Faculty of Agricultural Sciences, Bharath Institute of Higher Education and Research, Selaiyur, Tambaram (29 th June 2020), Chennai.

Seminars

- **National Symposium on Entrepreneurship Development for Life Sciences** E D Bioz'13, 23 rd January, 2013, ACAS, P.G. & Research Department of Biochemistry Kalavai, Vellore.
- National Seminar on **Mushrooms Rise of Research and Retreats for Humanity** 30 th September, 2019, Department of Plant Pathology, TNAU, Coimbatore
- Seminar on **Understanding Plant-Virus Interaction to Identify Novel Antiviral Weapon** in The Plant Arsenal, 2020. Bioingene.com

Trainings/ Workshops

- Participated in the International training cum Workshops on **"Seed Testing for Quality Assurance"** under the aegis of Indo-German Cooperation on Seed Sector Development held during 07-10 March, 2022 and organized by TNAU, Coimbatore and ICAR-Indian Institute of Millets Research, Hyderabad.
- Two days Workshop in **"Advanced Statistics for Technical Enhancement in Agricultural Research Workshop"** during February 27-28, 2020, TNAU, Coimbatore.
- Two days Workshop in **"Big data Analytics for Agricultural Sciences"** during February 10- 11, 2020, TNAU, Coimbatore.
- Participated in **"Technical Writing Skills Workshop"** on February 8, 2020, TNAU, Coimbatore.
- Participated in **"Career Planning Workshop"** on February 7, 2020, TNAU, Coimbatore.
- Participated in **"Stress Management Workshop"** on March 10, 2020, TNAU, Coimbatore.
- Completed online Interdisciplinary **Short Term Course on Basics of Organic Farming** from May 31 to June 06, 2020, Department of Botany and IQAC, Athalye-Sapre-Pitre College, Maharashtra.

References

(i) Dr. J. Renugadevi

Professor (Seed Science and Technology)
Agricultural Research Station, Tamil Nadu
Agricultural University,
Bhavanisagar – 638 451.

(ii) Dr. G. SRINIVASAN

Professor and Head,
Cotton Research Station,
Srivilliputthur.