



Dr.U.Gowthamy
Assistant Professor
Seed Science and Technology

Contact

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Academic Qualification : Msc., Ph.D.

Teaching Experience : 2 Years

Research Experience : 5 Years

Area of Specialization / Interest:

Seed quality testing

Publications:

International		National		Others	
Journals	Conference	Journals	Conference	Book Chapters	Books
4	5	1	1	1	0

Patent Files / Published: None

- Patent Number
- Patent Name
- Status

Achievements & Awards: None

- Best Paper award in the International Conference on Innovativ
- B.Sc., Agriculture Gold Medalist

Events Organized (Workshop / Seminar / Conference): None

Sl. No	Type	Events Title	Date	Venue
1.				
2.				

Events Participated (Workshop / Seminar / Conference): 4 / 2 / 6

Sl. No	Title of the Events	Date	Venue / Organized by
1.	Workshop on prospects in bioscience	15 & 16 th december 2016	Bharathiyar University, Coimbatore
2.	Workshop on Organic Vegetable Production Techniques	08 th december 2017	Tamil Nadu Agricultural University, Coimbatore
3.	Workshop on sustainable development of groundwater	16 th March 2017	Tamil Nadu Agricultural University, Coimbatore
4.	14 th workshop on scientific writing skills	12 th March 2018	Tamil Nadu Agricultural University, Coimbatore
5.	National Seminar on Enterprising Mushroom Biotechnology	16 th March 2017	Tamil Nadu Agricultural University, Coimbatore
6.	National Seminar on Frontiers in Biotechnology	18 & 19 th March 2016	Bharathiyar University, Coimbatore
7.	Second International Seminar on Emerging Trends in Organic Farming and Sustainable Agriculture	22 to 24 th April 2018	Mahatma Gandhi University, Kottayam
8.	International Symposium on Innovations and Advancements in Agriculture and Plant Sciences	23 rd May 2018	Dhanalakshmi Srinivasan Agriculture College, Perambalur
9.	Second International Scientific Conference On Environmental Research	13 th August 2018	The Maldives National University, Maldives
10.	8 th National Seed Congress	27 th to 29 th October 2015	Department of Agriculture and Cooperation Government of Telangana.

11.	4 th Agricultural Graduate Students Conference	3 to 4 th May 2016	Tamil Nadu Agricultural University, Coimbatore
12.	National Seminar on Conventional and Molecular Strategies for Sustainable Crop Improvement	16 and 17 th March 2017	Department of Plant breeding and genetics, Annamalai university.

FDP / Training Programs: 4

Sl. No	FDP Name	Date	Conducted by
1.	Proficiency Training on seed Vigour and quality Enhancement Technologies	15-05-2018	Department by Seed science & Technology, Tamil Nadu Agricultural University,Coimbatore
2.	From Seeds to Seeds	26-06-2019	MANAVEDAN UP SCHOOL THRIKKALANGODE
3.	jpUj;jpa bey; rhFgo	2019	-
4.	Mass Production of Carrier-Based biofertilizer inoculants	12-12-2022 to 16-12-2022	Department of Agricultural Microbiology, Kerala Agricultural University,Vellanikara

Resource Person / Invited Talks / Other Representations: None

Sl. No	Topic	Date	Role	Venue / Organized by

Memberships:

- Life Member in All India Agricultural Students Association (AIASA)

List of Publication

International Journal

1. Seed biopriming with Plant Growth Promoting Rhizobacteria(PGPR) in tomato(*Solanum lycopersicum*) cv.PKM1, **Gowthamy, U, V. Manonmani**, International Journal of Agricultures Sciences, 2019.

2. Standardization of seed biopriming with liquid biofertilizers on snakegourd (*Trichosanthes cucumerina*), **Gowthamy, U**, V. Manonmani, International Journal of Current Microbiology and Applied Sciences, 2017.
3. Physiological changes of bioprimed snakegourd cv.CO2 seeds during germination, **Gowthamy, U**, P. Selvaraju, G.Hemalatha, International Journal of Agricultural Science and Research, 2016.
4. Biochemical changes of bioprimed snakegourd cv.CO2 seeds during germination, **Gowthamy, U**, P. Selvaraju, International Journal of Agricultural Science and Research, 2016.

National Journals

1. Effect of seed priming with Plant Growth Promoting Rhizobacteria(PGPR) in tomato(*Solanum lycopersicum*) cv.PKM1, **Gowthamy, U**, V. Manonmani, Trends in biosciences, 2019.

Popular Articles

1. Royal Jelly A Rich Source of Nutrient for Humans, M.Shanmuga Prema, G. Hemalatha, **U.Gowthamy**, Kisan world- A Journal of Agriculture and Rural developement (ISSN NO:0971-9229), 2019.
2. Nanotechnology Applications in Seed Science and Technology, **Gowthamy, U**, G. Hemalatha, M.Shanmuga Prema, Readers Shelf- A Magazine of Agricultural Sciences (ISSN NO:2321-7405), 2018.
3. Fall Army Worm: A Threat to Maize Growers of Tamil Nadu, Hemalatha,G, M.Shanmuga Prema, **U.Gowthamy**, Kisan world- A Journal of Agriculture and Rural development (ISSN NO:0971-9229), 2018.
4. Proteomic Approaches for Seed Research, M.Shanmuga Prem, G. Hemalatha, **U.Gowthamy**, Readers Shelf- A Magazine of Agricultural Sciences (ISSN NO:2321-7405), 2018.

Book Chapters

1. U. Gowthamy. 2022. "Vegetable Seed Production at a glance: Seed production techniques in curry leaf . New Delhi : Jaya Publishing House.**Additional / Special Qualification if any:**

ASRB NET-2015