

Curriculum Vitae

Name: Ms. Surekha Bhimrao Dabhade

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Date of Birth:07/07/1988



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	-	-	-	-	-	-
M.E./ M. Tech.	Agricultural Systems And Msnagement	IIT, Kharagpur	IIT, Kharagpur	2012	8.25	1 st
B.E./B.Tech.	Agricultural Engineering	College of Agricultural engineering	Dr.P.D.K.V . Akola	2010	7.77	1 st

Key Research Areas:

- Automation in irrigation
- Mechanization of advanced irrigation systems.

Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Dr. U Patil College of Agriculture and Agril. Engineering & Technology, Jalgaon, Maharashtra	Assistant Professor	7 th June to 30 th Sep -2012		4 month
2	Supa Agricultural Research Group(SARG) Vikas Samiti Akola	Project Manager	1 st Oct 2012 to 30 th March- 2014		2 year

3	MIT(T) , Aurangabad	Assistant Professor	13 th April 2015 to Till date	5year
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List of Courses Taught/Teaching at UG level :

Taught/teaching following courses at UG level at Maharashtra institute of Technology Aurangabad

- Soil Mechanics
- Irrigation Engineering
- Micro Irrigation System Design
- Green House Technology
- Watershed Planning And Management
- Drainage Engineering
- Dairy Technology

Additional Assignments/Duties

- Class teacher of Third year B.Tech Agril.Engg.
- Class test coordinator
- Term Work Coordinator
- Practical Oral Exam Coordinator
- Soil and water conservation lab Incharge
- UG Project Coordinator

Membership of Professional Bodies

1.Life member of The Indian Society For Technical Education(ISTE)

Research Projects/Projects Guided

- Design and Develop Mobile application for Automated Irrigation system in Greenhouse (UG)
- Design And Development Of Low Cost Aero Phonic System(UG)
- Design And Development of Low cost Green House Structure (UG)
- Study of Effect of Gamma Irradiation on functional properties of starch isolated from irradiated wheat grains and chickpeas (Co- Guide PG)
- Studies on Heavy Metal Analysis From Leafy Vegetables And Their effect on Processing(Co- Guide PG)
- Development Of Extruded Snack By Using of Multi Grains And Pomace Powder(Co-Guide PG)
- Development Of Bread By Utilizing Brewery Waste(Co- Guide PG)
- Development And Quality Evaluation of Pineapple Pomace Fortified Biscuits(Co-Guide PG)
- Preparation of Wood Apple Seed Protein Concentrate and Its Fortified Yogurt(Co-Guide PG)

Computer/Software Proficiency

- **Applications:** ArcGIS, ERDAS IMAGINE & MS Office

- **MS - CIT**
- **MATLAB Programming**

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- Attended one month training at Central Farm Machinery Training and Testing Institute, Budni (May-2008)
- Attended one month training at Water and Land Management Institute, Aurangabad (May-2009)
- Attended one month training on Organic Farming Training at Akola (Dec-2013)
- Attended one week training on Empowering Faculty in English Communication And Soft Skills at MIT(T) Aurangabad (Jan-2016)
- Attended two days training on “Statistical Data Analysis” at MIT(T) Aurangabad

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference organized

- Organizing member of National Conference “ATAFE” ,Department of Agricultural Engineering ,MIT(T), Aurangabad(

Papers in National/ International Journal:

- Shital R. Pawar and Surekha B. Dabhade, 2018 ,“Drying study on *Bryophyllum pinnatum* leaves powder and its fortification in food product” International Journal of Agricultural Engineering, Volume 11 | Sp. Issue, April Issue, 155-158
- Sabila R. Mirza¹ and Surekha B. Dabhade² “Identification of Novel Food Additive Antioxidant from *Psidium Guajava*, *Moringa Oliefera*, *Punica Granatum* Blend Leaves Extracts”, IRJET, Volume: 05 Issue: 05 | May 2018, Page No. 1294-1304
- Pratik Vispute and Surekha Dabhade, “A. Review:Refining of palm oil: A review on palm oil refining process, 3- MCPD esters in refined palm oil, and possible reduction tactics for 3-MCPD esters, International Journal of Agricultural Engineering Volume 11 | Sp. Issue, April Issue, 81-85
- Vispute Pratik¹, Dabhade Surekha², A Review: Utilization of Agricultural Waste in India , International Journal of Science and Research (IJSR) Volume 7 Issue 1, January 2018
- D. A. Thoke* and S. B. Dabhade, A REVIEW ON STUDIES OF DETERMINATION OF HEAVY METALS PRESENT IN GREEN LEAFY VEGETABLES BY VARIOUS METHODS, An International Refereed, Peer Reviewed & Indexed Quarterly Journal in Science, Agriculture & Engineering. VOL. VIII, ISSUE XXV, APRIL 2018

Date: 25/02/2020

Place: Aurangabad