

## BIO-DATA

**Name** : Mrs. Mutkule Deepali Ashokrao  
**Father's name** : Mr. Mutkule Ashokrao Baburao  
**Address** : W/O-Ravindra Abhimanyu Jadhav  
Ravgaon Tq.-Karmala  
Dist.-Solapur- 413203.  
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## PERSONAL DETAILS

**Date of Birth** : 6 Sept. 1991  
**Sex** : Female  
**Religion** : Hindu  
**Marital Status** : Married  
**Nationality** : Indian  
**Caste** : Maratha

## ACADEMIC QUALIFICATIONS

Sr. No.	Exam	Board/University	Year of passing	Percentage	Division
1	S.S.C.	Aurangabad	2007	87.07	Distinction
2	H.S.C.	Aurangabad	2009	66.33	First
3	B.Sc.(Agri.)	V.N.M.K.V, Parbhani	2013	79.10	First
4	M.Sc. (Agri.) (Agril.Meteorology)	V.N.M.K.V, Parbhani	2015	77.40	First

## ADDITIONAL QUALIFICATIONS

Sr. No.	Exam	Board/ University	Year of passing	Percentage	Division
1	Diploma in Agri-Business Management	YCMOU, Nashik	2018	83.88	Distinction
2	Diploma in Agro-Journalism	YCMOU, Nashik	2019	83.00	Distinction

## DISSERTATIONS

M.Sc. (Agri.) (Agril. Meteorology)	“Influence of weather parameters on Growth, Yield and Quality of Tomato.”
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### **EXECUTIVE SUMMARY**

- Working as **Senior Research Assistant (SRA)** at Sau. K.S.K. (Kaku) College of Agriculture, Beed affiliated to VNMKV, Parbhani.
- Acting as In-charge Academic Matters.
- Worked as **Senior Research Assistant (SRA)** at Sadguru College of Agriculture, Mirajgaon affiliated to MPKV, Rahuri.

### **EXTRA QUALIFICATIONS**

- Passed **MS-CIT** in 2012 with **90%**.

### **EXPERIENCE**

<b>Institute</b>	<b>Post hold</b>	<b>Period</b>	<b>Experience</b>
Sau. K.S.K. College of Agriculture, Beed. (Affiliated to VNMKV, Parbhani.)	Senior Research Assistant (SRA)	22/02/2016 to Till date	8 Years, 27 Days
Sadguru College of Agriculture, Mirajgaon. (Affiliated to MPKV, Rahuri.)	Senior Research Assistant (SRA)	11/06/2015 To 21/02/2016	8 Months 10 Days
<b>Total Experience</b>			08 Years, 09 Months 07 Days

**COURSE TAUGHT**

<b>Sr. No.</b>	<b>Courses</b>	<b>Course No.</b>	<b>Credit</b>	<b>Sem.</b>
<b>Old syllabus</b>				
1	Agril. Meteorology	AGRO-112	1+1	I
2	Irrigation water management including micro-irrigation	AGRO -124	2+1	II
3	Field Crop I (Kharif crops)	AGRO -235	2+1	III
4	Field crop II (Rabi crops)	AGRO -247	2+1	IV
5	Farming system & Sustainable Agriculture	AGRO -3610	1+1	VI
6	RAWE Agronomy	AGRO-4712	1+0	VII
<b>New syllabus</b>				
1	Introductory Agro-meteorology and climate change	AGRO-112	1+1	I
2	Fundamentals of Agronomy- II	AGRO- 123	1+1	II
3	Crop production technology- I (Kharif crops)	AGRO- 234	1+1	III
4	Rainfed Agriculture and Watershed Management	AGRO- 235	1+1	III
5	Crop production technology- II (Rabi crops)	AGRO- 246	1+1	IV
6	Farming system and sustainable agriculture	AGRO- 247	1+0	IV
7	Practical crop production- I (Kharif crops)	AGRO- 359	0+1	V
8	Practical crop production- II (Rabi crops)	AGRO- 3611	0+1	VI

## **CONFERENCES, SEMINARS, TRAININGS AND WORKSHOP ATTENDED**

### **INTERNATIONAL**

- Participated in International conference on “**Bio-Resource and stress management**” at Hyderabad, (Ind.) in Jan.2015.
- Participated in the “**International conference on Food and Agriculture**” held during March 29-31, 2018 in Dhanbad, India.
- Participated in 2<sup>nd</sup> International conference and Exhibition organized by Vasantdada Sugar Institute, Pune, India during 31<sup>st</sup> January to 2<sup>nd</sup> February, 2020.
- Participated in one-week online training on **Recent Advances and Instrumentation in Agricultural Meteorology** during 26 May- 02 June, 2020.
- Participated and published abstract in first International Agriculture Conference on “**Natural Vs Organic Farming: In Context to Bhartiya Agriculture**” organized by GNFSU, Anand, Gujarat and HARWS & IIMTU, Meerut, Uttar Pradesh held virtually during December 24-26, 2023.

### **NATIONAL**

- Participated in **National level Technical Event “PRAGYAA 2011”** at Nanded.
- Poster presentation in National seminar on **Agro-meteorological interventions for enhancing farmer’s income (AGMET-2020)** held at Thrissur, Kerala during 20-22 Jan. 2020.
- Successfully completed Three weeks national online certificate course on “Weather based Agromet Advisory Services through ICT” organized by centre for Advanced Agricultural Science and Technology for Climate Smart Agriculture and Water Management (CAAST-CSAWM) MPKV (Maharashtra State) Under National Agricultural Higher Education Project (NAHEP), ICAR, New Delhi during 2-22 August, 2021.

### **STATE LEVEL**

- Participated in “**Rabi Shetkari Melava**” organized by Sau. K.S.K. College of Agriculture, Beed on 28 September 2016.
- Participated in “**BEE KEEPING**” vocational training programme organised by Beed Industrial & Enterprenurship Training Organisation, Beed. (Under District Industries Center, Beed – Govt. of Maharashtra) at K.S.K. Agriculture College, Beed conducted during the period 08/02/2017 to 10/02/2017.

- Participated in the two days workshop of “**Mushroom Production Technology**” organized at Sau. K.S.K. (Kaku) College of Agriculture, Beed in collaboration with ATMA, Beed during January 5-6, 2019.
- Participated in training for “**Mushroom Production Technology**” organized by Sau. K. S. K. (Kaku) College of Agriculture, Beed and ATMA, Beed during January 16 & 17, 2024.

### **EXTENSION ACTIVITIES**

- NSS (National Service Scheme) volunteer and completed 240 hrs of Social Service in 2010-2011.
- Participated in six months Module of Commercial Broiler production.
- Participated in intensive **RAW**E (Rural Agricultural Work Experience) Programme for six months at Jalgaon, Tq. Ashti Dist. Beed (MS).
- Acted as Research Guide to 16 Agricultural Sciences Students of YCMOU, Nashik.
- Participated and successfully completed two days Faculty Development Programme (FDP) organized at Sau.K.S.K. (Kaku) College of Agriculture, Beed during March 02-03, 2019.
- Actively participated in “**RANBHAI MAHOTSAV**” Organized by department of Agriculture, ATMA, Beed and Sau.K.S.K. (Kaku) College of Agriculture, Beed on August 11, 2021 at Beed.
- Acted as Resource Person for DAESI (Diploma in Agricultural Extension Services for Input Dealer’s) and INM (Integrated Nutrient Management) programme at NTI, Sau.K.S.K. (Kaku) College of Agriculture, Beed and delivered lectures.

## **PUBLICATIONS**

- **01 Text book, 02 scientific articles, 12 popular articles, 02 Membership/ Award, 08 Radio Talks and 05 Abstracts.**

### **TEXTBOOK (01)**

<b>Sr. No.</b>	<b>Name of authors</b>	<b>Name of book</b>	<b>Name of Publication</b>	<b>Year</b>	<b>ISBN/ ISSN No.</b>
1	<b>D. A. Mutkule</b> A. M. Khobragade & J. D. Jadhav	Introductory Agro-meteorology and climate change	Wizcraft Publication, Solapur, MS.	2018	978-93-92268-05-2

### **SCIENTIFIC ARTICLES (02)**

<b>Sr. No.</b>	<b>Name of authors</b>	<b>Name of article</b>	<b>Journal, Volume &amp; Pages</b>	<b>Year</b>	<b>ISBN/ ISSN No.</b>	<b>NAAS Rating</b>
1	<b>D.A.Mutkule</b> A.M.Khobragade & R.A.Jadhav	Influence of different thermal regimes and phenophases on fruit yield of tomato varieties	Journal of Pharmacognosy and Phytochemistry (JPP 2018; SPI:3029-3031)	2018	2349-8234	<b>5.21</b>
2	R.A.Jadhav <b>D.A.Mutkule</b> & V.D.Patil	Water repellency in soils under sweet orange in marathwada region	<i>International Journal of Tropical Agriculture (IJTA)</i> 34 (7): 1995-2001	2016	0254-8755	<b>3.03</b>

**POPULAR ARTICLES (12)**

<b>Sr. No.</b>	<b>Authors</b>	<b>Details</b>	<b>Date of Publication</b>
1	Ravindra Jadhav & Deepali Mutkule	Identify Nutrients Deficiencies in Rabi Crops Agrowon Page No.11	18.12.2016
2	Ravindra Jadhav & Deepali Mutkule	Organic Matter for Vermicomposting Agrowon Page No.10	26.01.2017
3	Ravindra Jadhav & Deepali Mutkule	How to prepare Vermicompost Agrowon Page No.11	28.01.2017
4	Ravindra Jadhav & Deepali Mutkule	When Diverting towards Organic Farming..... Agrowon Page No.11	09-03.2017
5	Ravindra Jadhav & Deepali Mutkule	Identify Fertilizer Requirement by Soil Testing Agrowon Page No.11	19.04.2017
6	Ravindra Jadhav & Deepali Mutkule	Use of Liquid Biofertilizers for Soil Fertility Agrowon Page No.11	14.04.2018
7	Ravindra Jadhav & Deepali Mutkule	Grades and Functions of Water Soluble Fertilizers Agrowon Page No.11	27.06.2018
8	Deepali Mutkule	Measures to prevent the impact of climate change on soil Agrowon Page No. 11	03.05.2019
9	Deepali Mutkule & Vivek Raut	Improved soybean intercropping practices Agrowon Page No. 11	17.07.2019
10	Deepali Mutkule	The direction of climate change Lokrajya Magazine Page No. 56-57	December, 2019
11	Deepali Mutkule & Amruta Kadam	Climate change requires changes in agriculture Agrowon Page No. 7	01.12.2019
12	Deepali Mutkule	Climate required for best growth of various crops Agrowon Page No. 11	09.11.2020

**RADIO TALKS (8)**

<b>Sr.No.</b>	<b>Subject</b>	<b>Delivered Date</b>	<b>Broadcast by</b>
1	Impact of climate change on agriculture	24.02.2016	AIR, Beed
2	Nutrient management under climate change	07.08.2016	AIR, Beed
3	Importance of green manures	24.02.2017	AIR, Beed
4	Organic farming	23.05.2017	AIR, Beed
5	Gram Cultivation Technology	22.10.2018	AIR, Beed
6	Soil erosion and Measures to prevent soil erosion.	06.04.2019	AIR, Beed
7	Measures to increase soil fertility	21.01.2020	AIR, Beed
8	Soil health and soil testing	14.04.2021	AIR, Beed

**AWARDS RECEIVED/ RECOGNITION/ MEMBERSHIP (02)**

<b>Sr. No.</b>	<b>Name of the Award/ Recognition/ Membership/ Fellowship</b>	<b>Awarding Organization (Place/ Country)</b>	<b>Year</b>	<b>International/ National/ Institutional/ Award/ Fellowship/ Recognition/ President/ Member</b>
1	Life membership (LM- 1057)	Association of Agro- meteorologist (AAM), Anand, GJ, India.	2015	National
2	Young Academician Award	Hindustan Agricultural Research Welfare Society, Agra (Uttar Pradesh), India.	2023	National



**ABSTRACT'S (05)**

<b>Sr.No.</b>	<b>Title</b>	<b>Seminar/ Conference</b>	<b>Published Year</b>
1	Influence of different thermal regimes and phenophases on fruit yield of tomato varieties. <b>Mutkule D. A.</b> , Khobragade A. M and Jadhav R. A.	National Seminar on “Agro meteorological Interventions for Enhancing Farmers Income (AGMET-2020)	January 20-22, 2020
2	Green house gases and its effects on climate change. P. B. Manjare, <b>D. A. Mutkule</b> and G. S. Pawar	National level conference (AGMET-2022) on Advances in agro-meteorological interventions for climate resilient agriculture.	Feb. 15-17, 2023
3	Climate Smart Agriculture for Sustainability <b>D.A. Mutkule</b> , R. A. Jadhav and P. B. Manjare	1 <sup>st</sup> International Agriculture Conference on “Natural & Organic Farming: In context to Bhartiya Agriculture.” 978-938377479-1	December 24-26, 2023
4	Organic Farming: A Way Of Eco-Friendly And Healthy Crop Production P. B. Manjare, R. A. Jadhav and <b>D.A. Mutkule</b>	1 <sup>st</sup> International Agriculture Conference on “Natural & Organic Farming: In context to Bhartiya Agriculture.” 978-938377479-1	December 24-26, 2023
5	Soil Sustainability: Challenges and Priorities. R. A. Jadhav, R. D. Chaudhari and <b>D. A. Mutkule</b>	3 <sup>rd</sup> International Conference and Exhibition on “Sustainability: Challenges and Opportunities in Global Sugar Industry”. ISBN-978-81-955713-7-6	January 12-14, 2024

## **SPORTS CERTIFICATES (02) DRAWING (02) SINGING (04) & HARMONIUM (01)**

- Participated in State level Handball competition in year 1-5 Nov.2004 organized by Sports and Youth Services department, Pune (Govt. of Maharashtra).
- Participated in State level Handball competition in year 24-26 Oct.2005 organized by Sports and Youth Services department, Pune (Govt. of Maharashtra).
- Participated in Regional Drawing Competition held in 21 Feb.2002 at Jalna.
- Passed Intermediate grade drawing examination organized by Govt. of Maharashtra held in the year 2005 in grade C.
- Passed Singing examination organized by All India Gandharv Mahavidyalay Organization, Mumbai in the years Nov.2005, April 2006, Nov.2006, April 2008.
- Passed Harmonium examination organized by All India Gandharv Mahavidyalay Organization, Mumbai in the year Nov.2008.

## **HOBBIES AND PERSONAL INTEREST**

**Singing, Playing Handball & Listening Music.**

## **REFERENCES**

- 1) **Dr. A. M. Khobragade**  
Assistant Professor,  
Department of Agril. Meteorology,  
Vasandrao Naik Marathwada Krishi Vidyapeeth, Parbhani.
  
- 2) **Dr. P. R. Jaybhaye**  
Associate Professor,  
Department of Agril. Meteorology,  
Vasandrao Naik Marathwada Krishi Vidyapeeth, Parbhani.

## **DECLARATION**

I solemnly declare that the information furnished above is correct and true as per best of my knowledge and belief.

**Place:** - Beed

**Date:** - 08/05/2024



(Mutkule Deepali Ashokrao)