

Curriculum Vitae

CONTACT DETAILS:

Name: ER. PRACHI H. BARDE (KHORGADE)

Address: A-1, Flat No. R-204, Disha Sanskruti, Silk city,
Vitkheda, Paithan road, Chhatrapati Sambhajnagar,
Maharashtra

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Mobile: 9960952426

Date of Birth: 21/07/1980



Academic Credentials

Class/ Degree	Specializ ation	Institution / College	University/ Board	Yea r	%/CGP A	Class
M. Tech.	Renewabl e Sources of Energy	Post Graduate Institute	Dr. PDKV Akola	2005	8.16	1 st
B.Tech.	Agricultu ral Engineeri ng	College of Agricultural Engineering and Technology	Dr. PDKV Akola	2003	7.75	1 st
Certified Trainer	Job role “Green House Operator”	Agriculture Skill Council of India.	National Skill Developme nt Corporation	2019 -21	70	1 st
HSC	Science	Labour Camp Junior Commerce Science and College	Maharashtra State Board	1998	64.3	1 st
SSC	NA	St. John High School	Maharashtra State Board	1996	68.7	1 st

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- **M. Tech. Project:** Investigation on Production of Biodiesel from Karanj (Pongamia pinnata) oil and its use in IC Engine at Central Research Institute of Agricultural Engineering, Bhopal.
- M.Tech. Minor Project: Performance Evaluation of SPV Water Pumping System at Sardar Patel Renewable Energy Research Institute, Anand, Gujrat

Key Research Areas:

- Evaluation of physical and chemical properties of oil and Biodiesel
- Preparation biodiesel from Karanja oil, Performance evaluation of 5 HP IC engine with use of prepared biodiesel
- Biogas plant

Other Credentials:

Awards

1. National Renewable Energy Fellowship for M.Tech program sponsored by Ministry of New and Renewable Energy, Delhi for the year 2004-05
2. Best Paper Award in area of Process Engineering at Annual Convention and Symposium of Indian Society of Agricultural Engineers, Udaipur, Raj.2002

Book publication

1. Book titled “Renewable Energy and Green Technology” published by Brillion publishing with ISBN: 978-93-93980-92-2, e-ISBN: 978-93-93980-93-9 (Pages 199), 2023, Co-Authors: Dr, A.G. Mohod, Dr. A.A. Deogirikar. Prof. Prachi C. Khorgade
2. Book titled “Navikarniya Urja aur Harit Pruodyogiki ” published by Brillion publishing with ISBN: 978-81-97229-82-4, e-ISBN: 978-81-97229-82-4 (Pages 199), 2023, Co-Authors: Dr. R. C. Dr. A.A. Deogirikar, Prof. Prachi Khorgade (Barde)

Radio Talk

- All India Radio, Parbhani on topic “*Saur Urja va Adhunik Sheti*” during a program *Shet Shivaar* on 24.07.2021

Curriculum Development

- MSBTE syllabus design for Agriculture Business Management

Experience

Work Experience: 11 years

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra Institute of Technology, G. S. Mandal, Chhatrapati Sambhajnagar, affiliated to Dr. BAMU.	Assistant Professor	Since 12-07-2023 till date	1 Year 9 month
2	Chhatrapati Shahu Maharaj Shikshan Sanstha's College of Agriculture, Kanchanwadi, Aurangabad	Assistant Professor	20 Jan 2020 to 9 Mar 2022.	2 years and 1 months, 20 days
3	Shri Dhaneshwari Manav Vikas Mandal's, College of Agriculture, Gevrai Tanda, Aurangabad.	Assistant Professor	01Jun 2017 to 31 Dec 2019	2 years and 7 months
4	Maharashtra Institute of Technology, G. S. Mandal, Aurangabad, affiliated to Dr. BAMU	Assistant Professor	08 Aug 2011 to 13 Sep 2014.	3 years 1 month 5 days
5	DILASA, NGO working for soil & water conservation and women empowerment	Project Engineer	09 Sep 2009 to 30 Sep 2010.	1 year 11 days
6	Dr. Ulhas Patil College of Agricultural Engineering and Technology, Jalgaon, affiliated to Mahatma Phule Krishi Vidyapeeth, Rahuri, Dist. Ahmednagar	Assistant Professor	for a period from 10 Oct 2005- 13 April 2006.	6 months

1.

List of Courses Taught / Teaching at UG level:

UG level at Maharashtra institute of Technology Chhatrapati Sambhajnagar

- Renewable Sources of Energy
- Energy and Energy Other Sources
- Ecology and Environmental Pollution

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- Farm Power and Machinery Management
- Farm Machinery and Equipment
- Fundamentals of Renewable Energy
- Smart Agricultural Practices
- Green House Technology
- Good Agriculture Practice

Additional Assignments/Duties

- Class Incharge of Third Year B.Tech Agril.Engg.
- Class Test coordinator
- Term Work Coordinator
- Farm Machinery and Power Laboratory Incharge
- TGS Coordinator
- Student Development Cell Coordinator

Membership of Professional Bodies

1. Life member of Indian Society of Agricultural Engineers. **(ISAE)** (Membership No. LM-10969) since 2012
2. Member of “The Institution of Engineers (India)” **(IEI)** since 23.03.2024 (Membership Number M-1798620)

Computer/Software Proficiency

- MS Office
- **Certificate course in Information Technology**

NPTEL Courses

NA

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

1. FDP on Leveraging Cutting Edge Technologies for Sustainable Agriculture Practices, organized by ATAL, AICTE, AND CSMSS, from 2 to 7 December 2024.
2. FDP on “Innovative Teaching Pedagogy and Skills and skill components of NEP. ON 9TH Dec 2024 at Chhatrapati Sambhajnagar by Ratan Tata Maharashtra State Skill University.
3. NEP Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme, MMC-057-2024-APR-A-01386, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar, 08/04/24 To 20/04/24
4. First International Conference on “**Entrepreneurship in Agriculture and Renewable Energy Sector**” **EARES** by Faculty of Agricultural Engineering, Dr. PDKV Akola,

National Agricultural Higher education project 15 and 16 March 2019, Akola, Maharashtra.

- Paper Presentation in National Conference on Innovative Technologies and Entrepreneurship Development in Agriculture” organized by Agril. Engg. Dr.PDKV Akola during 7-8 March 2024
- Participated and successfully completed **ONE WEEK** online training programme on ‘**Fundamental of Drone Technology for Precision Agriculture**’ organized by **CAAST,MPKV, Rahuri-April 25-30**
- **Faculty Development Programm (FDP) cum Workshop** on “**Waste to Bioenergy**” by Department of life Sciences,Sharda University, UP and Department of Agricultural Engineering , MIT , Aurangabad held from **June-28th to July 4, 2020**
- Training cum workshop on “Green Revolution: A journey from Mexico to Bharat”, By ICAR-IISR, Hindustan Agricultural Research Welfare Society. From 24 Sep to 14 Oct 23
- Two days National Seminar on “Fostering Quality Improvement in Higher Education with Focus on Teaching Learning and Evaluation”. Organized by IQAC MIT, CIDCO, Aurangabad and NAAC. 11-12 AUG 2023.
- Two days training Program on “Drones in Agriculture”, organized by AgMatrix, Consultancy, with Aviana Hv Biosciences ad Saiadhya Organics and seed technology. From 10-11 Feb 2024.
- One day CEP course on “Pollution and Health” by MIT, Aurangabad, 2014
- One day workshop on CGPA system by Dr. BAMU and MIT, Aurangabad
- Participated in **National Seminar** on “Investigation on Production of Biodiesel” at CIAE, Bhopal,2005.
- Southern Region Tractor Training And Testing Institute, Anantpur, AP.(2000) : Hands on operation and maintenance of farm tractor and pumps
- National Dairy Research Institute, Karnal, Haryana (2001): Hands on operation and maintenance of dairy equipment, Sewerage treatment plant
- Marathwada Sheti Sahayya Mandal, Krishi Vigyan Kendra, Jalna, MS.: Hands on watershed development. 2002
- Sardar Patel Renewable Energy Research Institute, Anand, Gujrat.2004, Study project titled “Performance evaluation of solar water pumping system” in Solar energy division.

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

- **Organizing coordinator** at National level Paper Presentation , At Dr. Ulhas Patil College of Agricultural Engineering

Research Projects/Projects Guided

1. Fabrication and evaluation of Rose de-leafing machine
2. Preparation of vermi-compost from *Nirmalya*- Flower and leafy waste from Shrines
3. Professional vegetable cutting machine
4. Modification of turmeric planter
5. Optimization of biofertilizer mix.

List of Research Publications

Papers in National/ International Journal:

Sr. No.	Title of paper published	Author name	Name of journal	Volume /Year/page No.
1	Abstract on paper titled “ Soy-coffee – A nutritious coffee analog from soybean ”.	Prachi Khorgade	37 th annual convention and symposium of ISAE 2002	
2.	Abstract published in 7-8 March 2024		National conference on “Innovative Technologies and Entrepreneurship Development in Agriculture” organized by ISAE and PDKV Research and incubation foundation.	

Date: 12/04/2025

Name: Prachi Hemant Barde (Khorgade)

Assistant Professor, Department Of Agricultural Engineering,
Maharashtra Institute of Technology

Place: Chhatrapati Sambhajnagar