

Faculty Profile

Name: Bhagyoday Vithoba Khobragade

Designation: Assistant Professor

Qualification: M. Tech. (Agril. Engg.) NET

Specialization: Agricultural Process Engineering

Experience: Teaching: 12 Years & 09 Months Industry:

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Areas of Interest:

1. Teaching
2. Extension activities
- 3.

Courses Taught:

Sr. No		Subject/ Lab Details	Year
1	ENGG- 241	Watershed Management (Including Surveying)	2005-06, 06-07, 07-08
2	ENGG- 352	Farm Structure Power & Machinery	2006-07, 08-09
3	ENGG- 353	Post Harvest Technology	2005-06, 06-07, 07-08, 08-09
4	ENGG COMP- 361	Computer Application	2008-09
5	ENGG- 485	Micro-Irrigation & Drainage Engineering	2006-07
6	STAT- 111	Elementary Statistics	2005- 06
7	MATH- 122	Applied Mathematics	2005-06
8	ENGG- 121	Fundamentals of Soil & Water Conservation Engineering	2007-08, 08-09, 09-10, 10-11, 11-12, 12-13, 13-14, 14-15, 15-16, 16-17
9	ENGG- 353	Farm Power & Machinery	2009-10, 10-11, 11-12, 12-13, 13-14, 14-15, 15-16, 16-17, 2017-18
10	ENGG- 364	Protected Cultivation & Post Harvest Technology	2009-10, 10-11, 11-12, 12-13, 13-14, 14-15, 15-16, 16-17, 2017-18
11	RAWE- ENGG- 475	Rural Agricultural Work Experience (RAWE)	2010-11, 11-12, 12-13, 13-14, 14-15
12	ELE- ENGG- 486	Experiential Learning	2010-11, 11-12, 12-13, 13-14

Projects Guided for UG Program:

1. NA
- 2.

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1. NA
- 2.

Details of Participation in Conferences/ Seminars/ Workshops:

1. National Conference on Developments in Engineering and Technology Benefiting to Indian Farmers held on 3rd & 4th March, 2017 at G. H. Rasoni Institute of Engineering and Management, Jalgaon (M.S.)
2. State Level Workshop on ICT Based Applications in Irrigation Scheduling held on 24th March, 2015 at Dr. A.S. College of Agricultural Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri (M.S.)

Publications:

I. Scientific Papers:

1. Nimkar P.M. and **Khobragade B.V.** (2006). The resistance of packed beds of moth gram (*vigna aconitifolius*) to airflow. *International Journal of Food Science and Technology*. 41, 488-497.
2. **Khobragade, B.V.** Bokade, N.A. Jadhavrao, K.S. and Chaudhari, M.S.(2011). Feasibility testing of tractor operated seed drill for sowing sorghum. *International Journal of Agricultural Engineering*. 4(2):176-178.

II. Technical Papers (abstracts):

1. **Khobragade, B.V.** Bokade, N.A. Aware, P.G. Chaudhari, M.S. and S.H. Thakare (2004). Economics of tractor operated and bullock drawn seed drill for sowing sorghum. ISAE XXXVIIIth National Level Annual Convention held at CAET, Dapoli (M. S.): 31.
2. Aware, P.G. **Khobragade, B.V.** Deogirikar A.A. and N.N. Narkhede (2004). Evaluation of self-propelled interculture equipment in cotton crop. ISAE XXXVIIIth National Level Annual Convention held at CAET, Dapoli (M. S.): 43.
3. **Khobragade, B.V.** and P.M. Nimkar (2004). Airflow resistance of moth gram. ISAE XXXVIIIth National Level Annual Convention held at CAET, Dapoli (M. S.): 227.
4. Game V.N., Mahadkar U.V., **Khobragade B.V.** and H.P. Khedkar (2017). Yield potential of zero tilled cowpea (*vigna unguiculata*) influenced by irrigation and fertilization. National Conference on Developments in Engineering and Technology Benefiting to Indian Farmers held at G. H. Rasoni Institute of Engineering and Management, Jalgaon (M.S.)

III. Popular Articles:

1. हरितगृह निवडीचे तांत्रिक निकष- गोडवा शेतीचा मासिक
2. डाळिंब पिकावरील एकात्मिक कीड नियंत्रण- बळीराजा मासिक

Achievements:

Winner of **First prize in State level exhibition** of Engineering Models (DIPEX-2001) for model Power Operated Grass Cutter, held at Thane (M.S.) on 11th Feb.,2001.

Life Membership of Professional Society:

1. Life member of Indian Society of Agricultural Engineers, Pusa Campus, New Delhi.
2. Life member of Indian Society of ALLIUMS, Directorate of Onion and Garlic Research, Rajgurunagar, Pune (M.S.).
3. Life member of Journal of Maharashtra Agricultural Universities, College of Agriculture, Pune (M.S.).

Significant Contribution in Relevant Field:

1. Farm Development-
Supported for Farm development of Agronomy & Horticulture departments related to measurement of field areas, its levelling and preparation of layout of field plots
2. Extension Activities
Actively participated in Farmer's Rallies and Tree Plantation Programmes during the RAWE programme
3. Development of teaching aids
1. Prepared the Technical Boards of various machineries, 2. Teaching Models, 3. Power Point Presentations on various recent Topics related to teaching.

Extra Curricular Activities:

Telecast on Doordarshan-

TV Talk on Doordarshan Sahyadri Marathi Cannel in the Program Amchi Mati Amchi Manasa (Topic-Efficient and Feasible use of Plane Table Survey for measuring the area of field)

Extra Charges performing-

1. I/C Principal
2. I/C Academics
3. Chief Counsellor

Extra Duties performed-

Committee Member-

1. Admission Cell
2. Exam Cell
3. College Magazine
4. College Competitive Exam Forum
5. NSS Program
6. Inter-College Sports
7. College Cultural Programs
8. Anti-Ragging Committee