


# Faculty Profile

## Personal Details

Name	Dr. <b>PANDIT AMBADASRAO MUNDE</b>	
Designation	Professor (CAS)	
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## Academic Qualifications

Degree	Specialization	University	Year of Passing
Ph.D. (FMP)	Farm Machinery and Power Engineering	VNMKV, Parbhani	2020
M.Tech. (FMP)	Farm Machinery and Power Engineering	MPKV, Rahuri	1993
B.Tech. (Agril.Engg.)	Agril.Engineeing	MPKV ,Rahuri	1988
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			

## Professional Experience

Stream	Years	Stream	Years
Teaching	UG -27 PG 16	Research	20
Extension	27	Administration	4

### Area of Research/Interest

Farm Machinery for Small and Marginal Farmers, Precision Agriculture, Ergonomics

## Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	15
Ph. D.	Nil

## Research Accomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/IS BN	NAAS Rating
01	Development of Bullock operated twin ferti hoe	IJCRT   Volume 8, Issue 11 November 2020	ISSN: 2320-2882	IF <b>7.97</b>
02	Performance Evaluation of VNMKV Developed Power Weeder	International Journal of Current Microbiology and Applied Sciences Volume 9	ISSN: 2319-7706	5.38
03	Performance evaluation of hand weeders -A Review	International Journal of Scientific Research in Engineering and	ISSN: 2582-3930	7.185

		Management (IJSREM)		
04	Study of Hand Arm Vibration in VNMKV Developed Power Weeder	International Journal of Current Microbiology and Applied Sciences Volume 9	ISSN: 2319-7706	5.38
05	Sustainable Utilization of Bullock power through Rotary Mode Power Transmission in operation of Flour Mill	Frontiers in Crop Improvement Vol 9 2926-2930 Special Issue VII Dec. 2021	2393-8234	4.67
06	Advanced Design using Animal Power in Rotary Mode Operation for Pluse Polisher Machine	Frontiers in Crop Improvement Vol 9 2468-2471 Special Issue VI Dec. 2021	2393-8234	4.67
07	Ergonomic Evaluation Of Manually Operated Nursery Vegetable PLANTER	Journal of Plant Development Sciences Vol. 14(1): 89-94.	ISSN 2338-9170	4.13
08	Design And Development Of Manually Operated Nursery Vegetable Planter For Chilli, Brinjal And Tomato	Journal of Plant Development Sciences Vol. 14(1): 35-42 2022	ISSN 2338-9170	4.13
09	Performance and evaluation of VNMKV, UAE developed bullock drawn turmeric planter	The Pharma Innovation Journal 2023; 12(1): 131-136	ISSN (P): 2349-8242	5.23
10	Comparison of cost of planting in developed planter with respect to traditional methods	The Pharma Innovation Journal 2023; 12(1): 2627-2632	ISSN (E): 2277-7695	5.23

## Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	28	Popular Articles	20
Books / Booklets	4	Book Chapters	2
Research/Technology Recommendations	4	Varieties Developed	15
Patents	Nil	Abstracts Published	5
Technical Publication	10		

## Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
MAU seed cum Ferti Drill	2005
Engine operated Rotary Weeder	2012
VNKV 5 row BBF planter cum sprayer	2018
Design and Development of Cutting Mechanism of Flail Mower	2021
MAU Bullock Drawn Twin Ferti Hoe	2010
<b>Externally Funded Projects: Implemented/Handled/Assisted</b> <b>1.NATP on Farm Mechanisation of Small Plots ,</b> <b>2.Farm Machinery Training ,Testing and Manufacturing</b>	

## Awards/Recognitions (Top Five)

<b>1. ASPEE award by ISAE</b>	<b>2006-07</b>
<b>2. Radhakirshna Malhotra award</b>	<b>2008-09</b>