


# Faculty Profile

## Personal Details

Name	<b>WAIKAR SURESH LAXMANRAO</b>	
Designation	Associate Professor(CAS)	
E-Mail	slwaikar.vnmk@gmail.com	
Contact No	7588082050	

## Academic Qualifications

Degree	Specialization	University	Year of Passing
<b>B.Sc.</b>	Agriculture	Marathwada Agricultural University, Parbhani	<b>1992</b>
<b>M.Sc. (Agri.)</b>	Soil Science and Agricultural Chemistry	Marathwada Agricultural University, Parbhani	<b>1994</b>
<b>Ph.D. (Agri.)</b>	Soil Science and Agricultural Chemistry	Marathwada Agricultural University, Parbhani	<b>2002</b>

## Professional Experience

Stream	Years	Stream	Years
Teaching	18	Research	18
Extension	16	Administration	--
Area of Research/Interest			
Soil Fertility, Soil Biology, Soil Chemistry			

## Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	19
Ph. D.	Nil

## Research Accomplishments (Recent Ten Most Important Publications)

Sr. No	Title	Journal	ISSN/I SBN	NAAS Rating
<b>01</b>	. Patil 2019 Correlation between chemical properties and nutrient in soil of Basmat tehsil	J. Pharmacognosy and phytochemistry 8(4):1178-1180 2019	2349-8234	5.21
<b>02</b>	Effect of Graded Levels of Potassium and zinc on growth, yield and quality of pigeon pea	Bulletin of Environment, Pharmacology and Life Sciences vol.8(7) :40-45 2019	2277-1808	4.95
<b>03</b>	Effect of application of ammonium molybdate on nutrient status and yield of pigeon pea grown on Vertisol	Int., J. Chem. Studies. 7(5):980-987 2019	2349-8528	5.31
<b>04</b>	Long Term effect of integrated nutrient management on soil organic carbon fraction in Vertisol under sorghum-wheat cropping system.	Int. ,J. Chem. Studies. ;8(4):971-974 2020	2349-8528	5.31
<b>05</b>	Response of Iron and Zinc fortification on growth, yield and quality of Spinach	J. of Pharmacognosy and Phyto chemistry 9(4):2040-20432020	2278-4136	5.21

06	Characterization of Humus in soil and its relation with physical and physico-chemical properties of soil under long term effect of integrated nutrient management in sorghum-wheat cropping system	Int.J. curr. Microbiol.App.Sci. 9(10): 561-568 2020	2319-7796	5.38
07	Response of Iron and Zinc on Yield, Quality and Soil Nutrient Dynamics of Pearl Millet on Vertisol.	Int., Journal of curr. Microbiology and Applied Sci 10(4) 2319-2323 2021	ISSN 2319-7796	5.38
08	Influence of different Slow release and Controlled Release fertilizer on yield and nutrient dynamics in soybean production	J. Soil and Crops 32(1)-112-122 2022	2582-2756	4.46
09	S Effect of Organic and Inorganic Nutrients Sources on Soil Humus Fractions under Soybean-Safflower Cropping Sequence	Int., Journal of curr. Microbiology and Applied Sci.11 (10)2422-2427. 2022	2349-8528	5.38
10	Effect of Microbial Consortia Inoculation on N, P and K Content, Uptake and Yield of Soybean ( <i>Glycine max L. merill.</i> ) and Chickpea ( <i>Cicer arietinum L.</i> ) on Vertisol	Biological Forum An International Journal15(12): 99-106 2023	2249-3239	4.96

### Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	32	Popular Articles	59
Books / Booklets	07	Book Chapters	06
Research/ Recommendations	04	Varieties Developed	--
Patents	--	Abstracts Published	54
Technical Publication	05		

### Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
Recommendations	2011
1. Establishment of Critical Limit of Phosphorous in soil and Soybean grown on Vertisol	
2. Establishment of Critical Limit of zinc in soil and leaf Soybean Crop	2012
3. Assessment of Solubilization Potential of Promising Potassium Solubilizing Bacterial Isolates in Bt Cotton	2023
<b>Externally Funded Projects: Assisted 04</b>	
<b>Awards/Recognitions</b>	
1. Best Doctoral Research 67 <sup>th</sup> National Convention of ISSS, New Delhi at JNKKV, Jabalpur	
2.Outstanding Research paper in International Conference On Innovations and In-roads in commerce, management and Technology at University of Mumbai in 2014	