


Faculty Profile

Personal Details

Name	Dr. Bhagwan Vithalrao Asewar	
Designation	Associate Dean and Principal	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
B.Sc. (Agri)	Agriculture	MAU, Parbhani	1992
M.Sc. (Agri)	Agronomy	MAU, Parbhani	1994
Ph D. (Agri)	Agronomy	ANGRAU, Hyderabad	2010
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
PGDAEM	Agril Extension	MANAGE, Hyderabad	2019

Professional Experience

Stream	Years	Stream	Years
Teaching	05	Research	16
Extension		Administration	5

Area of Research/Interest

Rainfed Agriculture, Nutrient Management, Climate Change, Agrometeorology

Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	22
Ph. D.	0

Research Accomplishments (Recent Ten Most Important Publications)

Sr. No	Title	Journal	ISSN/ISBN	NAAS Rating
01	Influence of Integrated Nutrient Management (INM) Practices on Soil Quality Indicators and Indices Under Cotton (<i>Gossypium</i> Spp.) + Black Gram (<i>Vigna</i> Mungo (L.) Hepper) and Green Gram (<i>Vigna Radiata</i> (L.) R. Wilczek) + Rabi Sorghum (<i>Sorghum Bicolor</i>	Communications In Soil Science and Plant Analysis 55(9):1-16	Online ISSN: 1532-2416 Print ISSN: 0010-3624	7.80

	(L.) Moench) Inter Cropping Systems in Rainfed Vertisols of Western India			
02	Studies on earliness of Bt cotton influenced by moisture conservation and fertilizers level under rainfed condition	International journal of plant and soil sci 34 (10) 150-158	ISSN 2320-7035	5.5
03	Effect of integrated nutrient management (INM) practices on soil quality indicators and indices under sorghum (Sorghum bicolor(L.) Moench) + pigeon pea (Cajanus cajan (L.) Millsp.) (4:2) and soybean (Glycine max (L) Merr) + pigeon pea (Cajanus cajan (L.) Millsp.) in rainfed Vertisols of Western India	Annals of plant and soil research (23) 4:379-389	ISSN 2347-6036	5.22
04	Stress management in rainfed Bt. Cotton (Gossypium hirsutum) through foliar sprays	Indian Journal of Agronomy 66 (3): 117-121,		5.58
05	Production potential of pigeonpea based intercropping system under various land configurations in Marathwada region of Maharashtra	Legume Research 44 (8) 947-951	ISSN: 0971-2062	6.53
06	Productivity and soil moisture conservation studies of pigeonpea based Intercropping systems as influenced by different land configurations.	Legume Research, 42(3) 2019: 365-369	ISSN:0971-2062	6.23
07	Growth and Yield of Maize-Rajmash Cropping Sequence Affected by Different Agronomic Practices	The Andhra Agric. J 65 (3): 29-36,	ISSN:003-2950	4.14
08	Performance of prominent intercropping system under various tillage practices in vertisols of Marathwada region	Indian Journal of Dryland Agricultural Research and Development, Vol. 32 (1): pp 78-82.	ISSN-0971-2062	4.68
09	Correlation studies in weather parameters and yield of green gram varieties under changing weather conditions	Journal of Pharmacognosy and phytochemistry	ISSN 2349-8234	5.21
10	Impact of weather variability on growth and arid soybean under different plant geometries	Journal of Agrometeorology vol.16 (I):59-65	ISSN 0972 – 1665	6.40

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	75	Popular Articles	78
Books / Booklets	12	Book Chapters	7
Research/Technology Recommendations	5	Varieties Developed	-
Patents	01	Abstracts Published	50
Technical Publication	05		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Method of Preparation of crop Biostimulant from Lucerne Plant Extracts	2020
2. The spacing of 150X30 cm and fertilizer dose of 150:75:75 NPK kg/ha (Nitrogen 20 % basal, 40 % at 30 DAS and 40 % at 60 DAS) is recommended for profitable Bt cotton production in medium to deep black soil under irrigated condition.	2012
3. For higher seed yield and net monetary returns of soybean, it is recommended to plant soybean on broad bed furrow in medium to deep black soils of Marathwada region with the application of RDF (30:60:30 NPK Kg /ha) and two sprays of potassium nitrate (KNO ₃) at an interval of 15-20 days in balck cotton soils of Marathwada region.	2017
4. The conventional tillage with RDF (50%) + FYM @2.5 ton/ha) for Soybean + pigeonpea (4:2) and conventional tillage with RDF for Cotton + Soybean (1:1) biannual cropping system in rotation is recommended for higher seed / grain yield and to improve the soil health and organic carbon for rainfed area of Marathwada region.	2021
5. For obtaining higher productivity and economical returns, Soybean + Pigeonpea Strip cropping of 18.9 m width (18:12 rows/ strip) with suitability of mechanical harvesting is recommended for rainfed area of Marathwada region.(2022)	2022
6. Planting of turmeric + Sweet corn (2:1) intercropping system (Turmeric on Bed with 60x 20 cm spacing and one row of sweet corn in between rows of turmeric at the centre of bed) along with 1225 % RDF (250: 125:125 NPK Kg ha ⁻¹) is recommended for higher turmeric equivalent yield and net monetary returns.	2023
Externally Funded Projects: Implemented/Handled/Assisted	
National Innovations on Climate Resilient Agriculture (NICRA) PI	
NAHEP-CAAST-DFSRDA- Nodal officer EAP	

Awards/Recognitions (Top Five)

1.Excellence in Research Award 2018
2.ICAR Vasantrao Naik Award for Dryland Research and Applications 2018
3. Fellow Award Indian Society of Agronomy 2019, IARI New Delhi
4.Best Oral presentation Award 2022, CRIDA, Hyderabad