


Faculty Profile

Personal Details

Name	SANJAY NARAYANRAO PAWAR	
Designation	ASSISTANT PROFESSOR	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
Ph. D (SWCE)	Soil & Water Conservation Engg.	VNMKV,Parbhani	Pursuing
M.Tech.(SWCE)	Soil & Water Conservation Engg.	VNMKV,Parbhani	2003
B.Tech.(Agril.Engg)	Agricultural Engineering	VNMKV,Parbhani	1996
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
NET	Soil & Water Conservation Engg	ASRB , New Delhi	2017

Professional Experience

Stream	Years	Stream	Years
Teaching	12	Research	12
Extension	12	Administration	

Area of Research/Interest

Soil & Water Conservation Engineering

Research Guidance

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

Research Accomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/ISBN	NAAS Rating
01	Effect of mulching on moisture conservation and yield of summer groundnut crop	Journal of Soil and Crop (2004), Vol. 14 (2) : 410-413		
02	Estimation of surface runoff from Micro watershed using Soil and Water Assessment Tool. (SWAT) model.	Indian Journal of Dryland Agric. Res and Dev (2005), 20 (1) : 46-56.		
03	Performance evaluation of	Karnataka Journal of		

	Nala bund	Agricultural Services (2006), Vol. 19 (1) 90 -96.		
04	Evaluation of earthen nala bund in Khandala watershed (M.S.)	Indian Journal of Dryland Agric. Res and (2006), Dev. 21 (2) : 53-59.		
05	Effect of Nala bund on Ground water recharge	J. of Agri. Engineering 44(1) : 21-25.		
06	Impact of land configuration on runoff soil loss and yield of cotton	International Journal of Agril. Sciences. (2008), 4 (2): 733-734.		
07	Development of bio-diesel processor and its utilization for power generation	J. of Maharashtra Agric. University (2008), 33 (2) : 226-231		
08	Bio-deisel : An alternate fuel for I.C. Engines,	International journal of Agril. engineering. (2008), 1 (2): 165-170		
09	Study of engineering properties of fly ash bricks for construction	International Journal of innovative research in science, Engineering and Technology. (2016), 5 (5): 8022-8025		
10	Trolley Supported Dual Energy (Solar & Battery) Based Boom Spraye	Multilogic in science. (2019), VIII: 256-60.	ISSN 2277-7601	5.2

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles		Popular Articles	20
Books / Booklets	03	Book Chapters	
Research/Technology Recommendations	05	Varieties Developed	
Patents		Abstracts Published	20
Technical Publication	01		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Solar Sprayer	2014
2.	
Externally Funded Projects: Implemented/Handled/Assisted	
1. installation of energy park under special area demonstration programme costing Rs. 8.75 lakhs sanctioned by MNES, New Delhi 2006.	
2.RKVYproposal on Development of Irrigation potential for enhancing seed production amounting Rs. 13.51 Crores sanctioned by RKVY cell, Ministry of	

Agriculture, Govt. of Maharashtra, Mumbai.(2012)
3. NAHEP-VNMKV Parbhani , Centre of Excellence for Digital farming Solutions
Enhancing Productivity by Robot, Drones and AGV's 18.73 Cr.

Awards/Recognitions (Top Five)

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| 1. Dr.D.G.Kulkarni Krishi Lekhan Puraskar for best article published in Baliraja Magazine (2007) Drip Irrigation Systemfor Sugarcane |
| 2. Best ICAR trainee award, 2018 |
| 3. Best NSS programme officer State Award -2016 |