Faculty Profile

Name	**DATTATRAYA VISHWANATH PATIL**
Designation	Assistant Professor
Department	Department of Farm Machinery & Power Engineering
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Academic Qualifications

Degree	Specialization	University	Period
UG	B.Tech. (Ag. Engg.)	CAET, VNMKV, Parbhani	2005-2009
PG	M.Tech. (Farm Machinery and Power Engg.)	IARI, New Delhi	2009-2011
ICAR-ASRB-NET	Farm Machinery and Energy	ICAR-ASRB	2012
Ph.D	Farm Machinery and Power Engg.	VNMKV, Parbhani	Pursuing (March 2023 Onwards)

Professional Experience

Stream	Years	Stream	Years
Teaching	08	Research	08
Extension	3.5	Administration	Nil
Total Experience			11 Years 6 Months

Area of Research
Farm Mechanization, Precision Agriculture, Renewable Energy, Dry land Agriculture

Research Accomplishments

Particulars	Numbers	Particulars	Numbers
Research Articles	09	Popular Articles	03
Books	00	Book chapters	00
Research Recommendations		Varieties Developed/ Farm equipment Developed & released	04 (01 PI and 03 as Associate)
Patents	Nil	Awards/Medals	2 (Merit Certificates)
Technical Publication	Nil	Abstracts	03

Events Exposure

Participation in Training/Symposia/Conference/Seminar/ Workshops	Numbers
1. National	08
2. International	04 (01 Abroad at Kansas State University)

Significant achievements

Machineries Developed:

1. Developed Single row manually operated vegetable transplanter.
2. Developed Single node sugarcane node cutter.

(Externally Funded Projects (Supervised/Handled/Assisted) – 03

01. NAHEP, ICAR, New Delhi – Centre of Excellence on Digital farming solutions for enhancing productivity by Robots, Drones and AGV's. (Assisting as Core Team Member and Division Expert Coordinator)

02. RKVY- Farm Machinery Manufacturing, Training and Testing Centre. (Assisting as Test Engineer)

03. Skilling Farmers and rural youth in Agricultural mechanization. (Assisting as Co-PI)

International Exposures:

I have undergone 06 week training at Department of Biological Agricultural Engineering, Kansas State University, USA through ICAR NAHEP VNMKV sanctioned project. He has successfully completed training on aspects Viz. Precision Agriculture, Data labelling, Machine Learning, Machine Vision, image analysis techniques, various robotic systems and advanced weed management technologies. He also Visited Nebraska State university, Linclon, USA and IOWA state university for seeking opportunities of VNMKV collaboration with these international universities and placement of UG, PG and Ph.D students for their training and research activities.

Research Guidance

Degree	No. of student guided
M. Tech.	01 (in SAC)
Ph. D.	-

Additional Charges

Designation /Charge	No. of student guided
Placement Officer	Student Counseling, Training and Placement Cell
Nodal Officer (Recruitment)	ICAR-NAHEP-VNMKV, Parbhani
Secretary (Operational Cost)	ICAR-NAHEP-VNMKV, Parbhani
In-chrage	UG Programme (FMPE Dept.), CAET, Parbhani