


# Faculty Profile

## Personal Details

Name	<b>Dr. Purushottam Ramniwas Zanwar</b>	
Designation	Professor of Entomology (CAS)	
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## Academic Qualifications

Degree	Specialization	University	Year of Passing
UG	Agriculture	MAU,Parbhani	1985
PG	Agril. Entomology	MAU,Parbhani	1987
Ph.D.	Agril. Entomology	MAU,Parbhani	1998
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
Diploma	Cyber law	SRTMU, Nanded	2008

## Professional Experience

Stream	Years	Stream	Years
Teaching	18	Research	07
Extension		Administration	04

### Area of Research/Interest

Insecticide Toxicology & Snail management

## Research Guidance

Degree	No. of Student & Guided
M.Sc.	17
Ph. D.	05

## Research Accomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/ISBN	NAAS Rating
01	Weather based forecasting model for prediction of jassids on transgenic cotton	J. ent. Res 45 (4) : 692-695., 2021	0378-9519	5.89
02	Evaluation of recommended insecticides against sucking pests of Bt cotton	The Pharma Innovation Journal 11(10): 2181-2184, 2022	2349-8242	5.23
03	Efficacy of insecticides against soybean girdle beetle <i>Obereopsis brevis</i>	Indian Journal of Entomology 84(3) 643-644, 2022	0367-8288	5.59
04	Bioefficacy of newer insecticides against sucking	Pesticide Res. Journal.34(2)163-167,	0970-6763	5.49

	pest :Jassid, Whitefly and Mite on Brinjal( <i>S.melongena</i> L.)	2022		
05	Seasonal incidence of pink bollworm on Bt cotton and its correlation with weather parameters	Scientist. 1(3):433-439, 2022	0890-3670	6.85
06	Seasonal incidence of major pests of cabbage ( <i>Brassica Oleraceavar. Capitata</i> ) and their correlation with weather parameter	Scientist. 1(3):4539-4548. 2022	0890-3670	6.85
07	Persistence toxicity of different insecticides against major insect pests of Cabbage viz., Aphids and Diamond back moth on cabbage	Scientist. 1(3):4549-4557. 2022	0890-3670	6.85
08	Seasonal incidence of major insect pests of okra in relation to weather parameters	J. Ent. Res., 47 (1) : 76-81 2023	0378-9519	5.63
09	Quantification of Cry1ac and Cry2ab protein on different plant parts of Bt cotton variety NHH-44	Scientist. 2(2);503-507, 2023	0890-3670	6.85
10	Losses Caused by Major Insect Pests of Transgenic Cotton with Special Reference to Pink Bollworm	Theoretical biology forum 12(2) : 37-43, 2023	2282-2593	7.5

### Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	83	Popular Articles	114
Books / Booklets	03	Book Chapters	10
Research/Technology Recommendations	06	Varieties Developed	02
Patents		Abstracts Published	03
Technical Publication	12		52

### Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1) IPM Module for <i>Bt</i> Cotton	2010
2) Cotton Variety NH - 635	2015
3) Cotton Variety NHH - 250	2015
4) Pest Forecasting Model for Sucking Pests (Jassids) in Bt Cotton	2015
5) IPM module for Pigeon pea	2016
6) IPM module for Chickpea/Gram	2017
7) Rearing Performance of Bivoltine CSR Mulberry Silkworm Hybrid under Marathwada region.	2017
8) ETL for Pigeon pea Pod fly	2018

**Externally Funded Projects: Implemented/Handled/Assisted**

1. CO-PI, TMC MMI 3.1: Emerging and key pests : their characterization, taxonomy, genetic diversity, and control. (2007-2012). Rs. 19.75 lakhs. PI: Dr. S. Kranthi, CICR, Nagpur
2. Crop Pest Surveillance and Advisory Project (CROPSAP) & HORTSAP, 2014-19
3. CO-PI Silkworm Hybrid Cocoon Production and Transfer of Sericulture Technology in Marathwada Region, RKVY (2017-2021) Rs. 36 lakhs.
4. Seasonal biology and management of Giant African snail, *Achatina fulica* (Project sanctioned by Rajiv Gandhi Science & Technology Commission, Churchgate, Mumbai for the year 2024-25.
5. State level committee member for snail management.(2023)

**Awards/Recognitions (Top Five)**

1. Silver Medal for MSc (Agri) degree in Agril. Entomology during 1986-87.
2. Appreciated by Hon. DG, MCAER, Pune for contribution in Admission process during 2005-06.
3. Contributed in “Crop Pest Surveillance And Advisory Project (CROPSAP)” winner of national GOLD Award for e-governance 2011-12.
4. Best Oral Presentation award (2015) on Menace of White grubs in Marathwada region of Maharashtra in National Symposium on “Prospects in Diversity, Diagnosis and Management of the Diseases of Horticultural and Field Crops”, 28-29, November, 2015, Badnapur (Maharashtra).
5. Best Poster Presentation Award (2016) on Epizotic screening of promising introgressed cotton entries to jassids in National Seminar Breeding of field crops for biotic and abiotic stresses in relation to climate change. 28-29 March, 2016, VNMKV, Parbhani