


Faculty Profile

Personal Details

Name	Dr. Achyut Ashokrao Bharose	
Designation	Associate Professor, Department of Plant Biotechnology, Vilasrao Deshmukh College of Agricultural Biotechnology, Latur	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
Ph.D.	Biotechnology/ Nanotechnology	Junaghad Agricultural University, Junagadh, Gujrath	2017
M.Sc.	Plant Biotechnology	Indira Gandhi Agricultural University, Raipur , Chhattisgarh	2000
B.Sc.	Agriculture	Marathwada Agriculture University, Parbhani, Maharashtra	1998
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
Software skills	DOEACC Computer certificate course	Government of India	2002

Professional Experience

Stream	Years	Stream	Years
Teaching	18 yrs. 08 m. 28 days	Research	23 yrs. 03 m. 26 days
Extension	17 yrs. 05 m. 17 days	Administration	14 yrs. 05 m. 17 days

Area of Research/Interest

Plant Biotechnology, Nano Technology

Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	25
Ph. D.	--

Research Accomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/ISBN	NAAS Rating
01	Bacteria-mediated green synthesis of silver nanoparticles and their antifungal potentials against <i>Aspergillus flavus</i> .	PLoS ONE	1932-6203	09.70
02	Whole genome sequencing and annotation of <i>Aspergillus flavus</i> JAM-JKB-B HA-GG20	Scientific Reports	2045-2322	11.00
03	Isolation and in vitro identification	<i>Plant Interactions</i>	1742-0145	00.00

	helicoverpa gut proteases.			
04	Susceptibility of cotton bollworm, <i>Helicoverpa armigera</i> (Hubner) (Lepidoptera : Noctuidae) to the bacillus thuringiensis toxin Cry2Ab before and after the introduction of Bollgard-II.	<i>Crop Protection</i>	0261-2194	08.80
05	A PCR–RFLP tool for differentiating <i>Helicoverpa armigera</i> and <i>H. assulta</i> (Lepidoptera, Noctuidae).	Current Science	0011-3891	07.00
06	Temporal and intra-plant variability of Cry1Ac expression in Bt-cotton varieties.	Current Science	0011-3891	07.00
07	Screening of Groundnut Genotype For Late Leaf Spot Resistance Using ISSR Makers.	Vegetos	0970-4078	06.02
08	Identification and Characterization of Low and High Ricin Containing Castor (<i>Ricinus communis</i> L.) Genotypes.	Vegetos	0970-4078	06.02
09	Regeneration Media Standardization of Pomegranate (<i>Punica granatum</i> L.) cv. Bhagava from Shoot tip, Cotyledonary Node, Hypocotyls and Leaves.	Vegetos	0970-4078	06.02
10	Cytochrome oxidase I sequence of <i>Helicoverpa</i> (Noctuidae: Lepidoptera) species in India—Its utility as a molecular tool.	Indian Journal of Biotechnology	0972-5849	06.00

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	36	Popular Articles	04
Books / Booklets	01	Book Chapters	01
Research/Technology Recommendations	--	Varieties Developed	--
Patents	--	Abstracts Published	35
Technical Publication	62		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1.	
2.	
Externally Funded Projects: Implemented/Handled/Assisted	

Awards/Recognitions (Top Five)

Sr. No.	AWARDS & Title of the papers
Best poster presentation Award	
1	P.B. Wadikar, G.R. Parhad and A.A, Bharose (2015).Parentage conformation in sesame crosses by using morphological and molecular markers. First prize winner poster in International seminar on current trends in Biological science, Ahmedabad, Gujarat, 65, 236-27 Dec. 2015.
Best Research Award	
2	Bharose Achyut (2016). Molecular characterization of aflatoxin producing <i>Asperigillus</i> in groundnut and their remedies with bacterial nanoparticles. Presented poster in Associations of Indian universities, Bikanar, Rajashtan (India).
Pursuit of Excellence Award	
3	Received “Pursuit of Excellence” award in National symposium on Practices in sustainable agricultural, aquaculture and animal husbandry (PISAAA-2017).
Agriculture Literature Award	
4	Received State Level Award under “Agriculture Literature” (“आदर्श शास्त्रज्ञ ”) given by “Saaptahik Krushisewak”, Jalgaon, Maharashtra.
Excellence in Research Award	
5	Received “ Excellence in Research Award ” from Society for Scientific Development in Agriculture and Technology (SSDAT) in International Conference On “Innovative and Current Advances in Agriculture and Allied Sciences” (ICAAAS-2021) during 19-21 July 2021