


## College of Agriculture, Badnapur

### PersonalDetails

Name	DR. SHRIKANT BHANUDAS SARODE	
Designation	Assistant Professor (Genetics and Plant Breeding)	
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### AcademicQualifications

Degree	Specialization	University	Yearof Passing
B. Sc. (Agri.)	Agriculture	Dr. PDKV, Akola	1999
M. Sc. (Agril. Botany),	Genetics and Plant Breeding	Dr. PDKV, Akola	2001
Ph. D.	Genetics and Plant Breeding	BHU, Varanasi	2006
AdditionalQualification(ifany):AdditionalDegree/Diploma/NET/SET			
NET	Plant Breeding	ASRB, New Delhi	2005
NET	Crop Improvement	ASRB, New Delhi	2009
NET	Crop Improvement	ASRB, New Delhi	2010
NET	Crop Improvement	ASRB, New Delhi	2011

### ProfessionalExperience

Stream	Years	Stream	Years
Teaching	11	Research	12
Extension	0	Administration	1.5

Area of Research/Interest
Genetics and Plant Breeding

### ResearchGuidance

Degree	No.ofStudent & Guided
M.Sc	10
Ph.D.	-

### ResearchAccomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/ISBN	NAAS Rating
01	Studies on correlation and path coefficient analysis for yield and yield contributing characters in Pigeonpea ( <i>Cajanuscajan</i> (L) Millsp.). A.A. Madke, S.B.Sarode, V.R.Bhakad,	Indian Journal of Agriculture and Allied Sciences 2023, Vol 9: No.4 : 202-205	2395-1109	3.55

	P.R.Chavan and S.G.Dhawale			
<b>02</b>	Studies on Genetic diversity, correlation and path coefficient analysis for yield and yield contributing characters in Pigeonpea. [ <i>Cajanuscajan</i> (L). Millips] A. A. Madke, <b>S. B. Sarode</b> , S. V. Pawar, P. L. Sontakk, N. M. Manchalwad	International Journal of Plant Sciences 2024 Vol ,19, 10-15	0973-1547	<b>3.43</b>
<b>03</b>	Genetic diversity studies in pigeonpea ( <i>Cajanuscajan</i> (L.) Millsp.)” S. D. Atkare, <b>S. B. Sarode</b> ,S.G.Gawai and S.L.Haloli	International Journal of Plant Sciences 2024 Vol ,19, 43-47	0973-1547	<b>3.43</b>
<b>04</b>	Study on genetic diversity in Amaranthus ( <i>Amaranthushypochondriacus</i> L.)” B. H. Kale, <b>S. B. Sarode</b> , S. G. Gawai and S. L. Haloli	International Journal of Plant Sciences 2024 Vol ,19, 32-36	0973-1547	<b>3.43</b>
<b>05</b>	Studies on correlation and path coefficient analysis for seed yield per plant in Linseed ( <i>Linumusatissimum</i> L) .N.A.Gavhane, <b>S.B.Sarode</b> ,V.R.Bhakad, P.R.Chavan and S.G.Dhawale	Indian Journal of Agriculture and Allied Sciences 2023, Vol 9: No.4 : 206-209	2395-1109	<b>3.55</b>
<b>06</b>	Assessment of genetic divergence of 40 greengram genotypes ( <i>Vigna radiate</i> (L.) Wilczek) K.S. Ghuke , <b>S.B. Sarode</b> R.B.Gaikwad and P.S. Zine	The Pharma InnovationJournal 2023; 12(12):2401-2404	2349-8242	<b>5.23</b>
<b>07</b>	Phenotypic and genotypic path coefficient analysis in Okra ( <i>Abelmoschusesculentus</i> (L) Monech YogeshPawar, <b>S.B.Sarode</b> ,Altaf Shaikh and Deepak K Kharad	J.ofPharmacognosy and Phytochemistry 2020 Sp 9(5): 488-493	2349-8234	<b>5.21</b>
<b>08</b>	Assessment of correlation and path analysis in Chickpea ( <i>Cicerarietinum</i> L.) Tengse S.M., <b>S.B.Sarode</b> ,Deshmukh S.S Shinde A. V.,	The Pharma Innovation Journal 2022 , 11(1): 184-188	2349-8242	<b>5.23</b>
<b>09</b>	Genetic variability and divergence studies in finger millet	International Journal of	2349-8528	<b>5.31</b>

	[ <i>Eleusinecoracana</i> (L.) Gaertn ] germplasm Vidhate N.M. , <b>Sarode, S.B.</b> and Gomashe Sunil S.	Chemical Studies 2020 <b>8(3):</b> 2583-2588		
<b>10</b>	Study of correlation and path analysis in finger millet [ <i>Eleusinecoracana</i> (L.) Gaertn ] Vidhate N.M. , <b>Sarode, S.B.</b> and Gomashe Sunil S.	International Journal of Chemical Studies 2020 <b>8(4):</b> 118-122	2349-8528	<b>5.31</b>

### Credentials:

Particulars	Numbers	Particulars	Numbers
ResearchArticles	46	PopularArticles	25
Books / Booklets	-	BookChapters	-
Research/Technology Recommendations	-	VarietiesDeveloped	<b>8</b>
Patents	-	Abstracts Published	12
TechnicalPublication	-		

### Significant Achievements(Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Developed Mungbean variety BM 2003-2	2010
2. Developed Pigeonpea variety BDN 711	2011
3.Developed <i>Hirsutum</i> Cotton Hybrid NHH 206	2013
4. Developed Chickpea variety BDNGK 798	2014
5. Developed Pigeonpea variety Godawari	2020

#### ExternallyFundedProjects: Implemented/Handled/Assisted

DAC under NFSM Funded project “ Evaluation and production of cytoplasmic genetic male sterility (CGMS) based hybrids for enhancement of productivity and stability of yield in Pigeonpea” during 2011-12 and 2012-13 as a Co-Principal Investigator

### Awards/Recognitions (Top Five)

1. Outstanding Achievement Award by Genesis Urban and Rural Development Society Hyderabad 2016