




NAVSARI AGRICULTURAL UNIVERSITY

**DEPARTMENT OF PLANTATION, SPICES,
MEDICINAL AND AROMATIC CROPS**



FACULTY

Name	DR. B. R. PARMAR		
DoB	24/12/1958		
Blood Group	B ⁺ VE		
Designation	PROFESSOR & HEAD (FRUIT SCIENCE)		
Qualification	Ph.D.		
Contact No.	02637 -282144 EXT-661		
Mobile No.	09979987224		
Email ID	parmarballu@yahoo.co.in		
Joining date and Professional Experience	31-08-1984	Years	33 yrs.
PG students guided	M. Sc. – 24	Ph. D. - NIL	
Courses Taken	PG Teaching		
	Code	Title	Credits
	FSC-602	ADVANCES IN FRUIT PRODUCTION	2+1
Research Interests	PROPAGATION AND FRUIT PRODUCTION		
Award/Medal/Recognition: HARI OM ASHRM AWARD-1988			
Significant Awards:			
SN	Name of the Award	Awarding Agency	Year
1.	HARI OM ASHRM AWARD	GAAS, Ahmedabad	1988

Publications			
	SN	Publications	Number
	1.	Teaching Manuals	05
	2.	Research papers	28
	3.	Popular articles	30
	4.	Book Chapters	NIL
	5.	Books	01
	6.	Booklets	NIL
	7.	Folders/Pamphlets/Extension Bulletins	NIL

Competence Building

Seminar	Workshop	Symposium	Conference	Summer-Winter School	Orientation program	Short Courses
08	02	01	01	03	01	02

Events organized		
Projects on hand	PI	Please mention Title
	Co-PI	
Projects Accomplished	PI	
	Co-PI	
Recommendations		For Farmers' Community: 04 For Scientific Community:
Membership		Editorial Boards: 02 Professional Societies: 01 Academic Bodies: 04
Other Activities		Academic Incharge- UG-5 YEARS
Five Best research Publications		

Sr. No.	Authors & Year of Publication	Title of Research Paper (Vol. No. and Issue No.)	Research Journal
1.	Bhalerao P.P.; B.R. Parmar, B.V. Padhiyar ;R.R. Bhalerao and S.B. Parmar (2011)	Effect of growth regulators on post harvest life of banana cv. Grand Nain and biochemical changes during storage. Int. J. of Proc. and Postharvest Tech. (2)1 : 59-63.	International Journal Of Processing & Post harvest Technology

2.	Bhalerao P.P.; B.R. Parmar, B.V. Padhiyar ; R.R. Bhalerao and S.B. Parmar (2011).	Effect of growth regulators on post harvest life of banana cv. Grand Nain. The Asian J. of Horticulture Vol.6 : Issue 2 : 283-287.	Asian J. of Horticulture
3.	Patel, R.G.; B.R. Parmar and S.J. Patil (2012)	A study on physiological changes of sapota varieties in cold storage with application of GA3. G.A.U.,Res. J. S.K. Nagar. 37(1): 30-33 (2012).	G. A. U., Res. J. S.K. Nagar
4	M.K.Yadav, N.L. Patel, B.R. Parmar and Dileswer Nayak (2013)	Evaluation of physiological and organoleptic properties of mango cv. Kesar as influenced by ionizing radiation and storage temperature.	SAARC Journal of Agriculture vol.11 (2) :69-80(2013).
5	Falguni Patel, A.B. Parmar, K.B. Parmar and B.R. Parmar	Effect of presoaking treatments on seed germination and seedling growth of jack fruit (<i>Artocarpus heterophyllus</i> Lam.)seed.	Multiligic in Science vol.VI, Issue XVII, July, 2016 : 141-45.




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FACULTY

Name	Dr. M .M. PATEL		
DoB	19/06/1961		
Blood Group	O ^{+VE}		
Designation	Associate Professor (Fruit Science)		
Qualification	Ph.D. (Horticulture)		
Contact No.	02637-282144		
Mobile No.	+91 8128681307		
Email ID	mkmpatel@yahoo.co.in		
Joining date and Professional Experience	11/05/1989 28 years		
PG students guided	M. Sc. – 8	Ph. D. -	
Courses Taken	UG Teaching		
	Code	Title	Credits
	FRT. 4.8	Plantation Crops	2+1
	HWE.8.2	JAU University farms	0+4
	PG Teaching		
	Code	Title	Credits
	PSMA. 503	Production technology of medicinal and Aromatic Crops	2+1
Research Interests	Plantation, Spices, Medicinal and Aromatic Crops, Fruit crops and Floriculture		
Publications			

SN	Publications	Number
1.	Teaching Manuals	-
2.	Research papers	9
3.	Popular articles	9
4.	Book Chapters	-
5.	Books	-
6.	Booklets	-
7.	Folders/Pamphlets/Extension Bulletins	-

Competence Building

Seminar	Workshop	Symposium	Conference	Summer- Winter School	Orientation program	Short Courses
1	-	-	-	2	-	1

Events organized

Projects on hand

PI

Please mention Title

Co-PI

Projects Accomplished

PI

AICRP on palms(coconut) 2009-2012

Co-PI

Recommendations

For Farmers' Community:

For Scientific Community:

Membership

Editorial Boards:

Professional Societies:

Academic Bodies:

Other Activities

Five Best research Publications

Name(s) of Authors in order (Sole/Sr./Co-author)	Title of the paper	Name of the Journal
V. D. Patel, M. M. Patel and Shilpa Rathod (2016)	Effect of integrated nutrient management on growth of kalmegh (<i>Andrographis paniculata</i> Wall. Ex. Nees)	Advances in Life Sciences,5(5) ISSN2278-3849,1965-1967
V. D. Patel and M. M. Patel (2016)	Effect of integrated nutrient management on yield and economics of kalmegh (<i>Andrographis paniculata</i> Wall. Ex.	Advances in Life Sciences,5(8) ISSN2278-3849,3406-3409

	Nees).	
M. M. Patel; H. S. Patel; A. D. Patel and M. P. Patel (1993)	Correlation and path analysis in sugarcane	Indian Sugar,46:65-68
M. M. Patel; P. B. Parmar and B. R. Parmar (2006)	Effect of nitrogen, phosphorus and spacing on growth and flowering in tuberose (<i>Polianthes tuberosa</i> L.) cv. Single	J. of Ornamental Horticulture, 9(4):286-289




NAVSARI AGRICULTURAL UNIVERSITY

**DEPARTMENT OF PLANTATION, SPICES,
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FACULTY

Name.	DR. BIMAL S. DESAI																																												
DoB.	22 – 07 – 1976																																												
Blood Group	O ^{+ve}																																												
Designation	Assistant Professor (Botany).																																												
Qualification	M. Sc. (Economic Botany & Phytochemistry); Ph. D (Botany)																																												
Contact No.	02637-282143 Ext. 704																																												
Mobile No.	9374065646.																																												
Email ID	bimal_desai@yahoo.co.in; bimal_desai@nau.in																																												
Joining date and Professional Experience	22/06/2010 7 years																																												
PG students guided	M. Sc. – 09	Ph. D. - NIL																																											
Courses Taken	<table border="1"> <thead> <tr> <th colspan="3">UG Teaching</th> </tr> <tr> <th>Code</th> <th>Title</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>BSC 1.6 (C)</td> <td>Introductory Botany (IVth Dean)</td> <td>2 + 1</td> </tr> <tr> <td>BSH 1.6</td> <td>Introductory Botany (IVth Dean)</td> <td>2 + 1</td> </tr> <tr> <td>BSH 1.2</td> <td>Introductory Botany (Vth Dean)</td> <td>1 + 1</td> </tr> <tr> <td>FBT 4.4</td> <td>Dendrology (Theory)</td> <td>2 + 1</td> </tr> <tr> <td>FWE 8.5</td> <td>Study of South Gujarat Forests</td> <td>0 + 5</td> </tr> <tr> <td>BSH 3.10</td> <td>Principles of Cytology & Genetics (Theory)</td> <td>2 + 1</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">PG Teaching</th> </tr> <tr> <th>Code</th> <th>Title</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>PSMA 508</td> <td>Underexploited MAP's</td> <td>1 + 1</td> </tr> <tr> <td>MAP 522</td> <td>Medicinal Chemistry & Processing of MAP's</td> <td>2 + 1</td> </tr> <tr> <td>MAP 525</td> <td>Role of MAP's in Health care systems</td> <td>2 + 0</td> </tr> <tr> <td>MAP 527</td> <td>Pharmacognosy of MAP's</td> <td>1 + 1</td> </tr> </tbody> </table>			UG Teaching			Code	Title	Credits	BSC 1.6 (C)	Introductory Botany (IV th Dean)	2 + 1	BSH 1.6	Introductory Botany (IV th Dean)	2 + 1	BSH 1.2	Introductory Botany (V th Dean)	1 + 1	FBT 4.4	Dendrology (Theory)	2 + 1	FWE 8.5	Study of South Gujarat Forests	0 + 5	BSH 3.10	Principles of Cytology & Genetics (Theory)	2 + 1	PG Teaching			Code	Title	Credits	PSMA 508	Underexploited MAP's	1 + 1	MAP 522	Medicinal Chemistry & Processing of MAP's	2 + 1	MAP 525	Role of MAP's in Health care systems	2 + 0	MAP 527	Pharmacognosy of MAP's	1 + 1
UG Teaching																																													
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BSC 1.6 (C)	Introductory Botany (IV th Dean)	2 + 1																																											
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FWE 8.5	Study of South Gujarat Forests	0 + 5																																											
BSH 3.10	Principles of Cytology & Genetics (Theory)	2 + 1																																											
PG Teaching																																													
Code	Title	Credits																																											
PSMA 508	Underexploited MAP's	1 + 1																																											
MAP 522	Medicinal Chemistry & Processing of MAP's	2 + 1																																											
MAP 525	Role of MAP's in Health care systems	2 + 0																																											
MAP 527	Pharmacognosy of MAP's	1 + 1																																											
Research Interests	Medicinal and Aromatic Plants, Biodiversity, Ethno botany.																																												

Award/Medal/Recognition: Was Nominated as Session Chairman at 4th International Congress of The Society of Ethno pharmacology (SFEC – 2017), at UKA Tarsadia University, Bardoli, Gujarat.

Publications:

SN	Publications	Number
1.	Teaching Manuals	02
2.	Research papers	12
3.	Popular articles	17
4.	Book Chapters	10
5.	Books	05
6.	Booklets	01
7.	Folders/Pamphlets/Extension Bulletins	03


Competence Building

Seminar	Workshop	Symposium	Conference	Summer-Winter School	Orientation program	Short Courses
04	03	01	03	NIL	01	NIL

Events organized		One day Workshop on Medicinal and Aromatic Plants – 2013; sponsored by Gujarat Medicinal Plant Board, Gandhinagar and Gujarat Horticulture Society.
Projects on hand	PI	Handling Model Nursery on Medicinal & Aromatic Plants – Sponsored by National Horticulture Board & National Horticulture Mission.
	Co-PI	1. Plan Scheme at Vanbandhu Veterinary College, NAU, Navsari – Project entitled Screening of Antimicrobial and Anti inflammatory Plants used by Vanbandhus of South Gujarat.
Projects Accomplished	PI	1. Reproductive Biology and Phenological Studies on <i>Tectona grandis</i> , <i>Terminalia arjuna</i> , <i>Sterculia urens</i> & <i>Acacia auriculiformis</i> . Funded by GUJCOST, Gandhinagar, Gujarat. 2. Forest Resource Survey of Rajpipla Forests Division. Funded by GFRI, Forests Department, Govt. of Gujarat.
	Co-PI	NIL
Recommendations		For Farmers' Community: 01
		For Scientific Community: 01
Membership		Editorial Boards: NIL Professional Societies: 03 Academic Bodies: NIL
Other Activities		-
Five Best Research Publications:		
1.	J. R. Chavda, B. S. Desai , S. K. Jha, M. B. Tandel and D. P. Patel. (2015). Effect of PGR on Clonal Propagation of Madhunashini (<i>Gymnema sylvestre</i> R. Br.) through rooted cutting. <i>The Bioscan</i> . 10 (4): 1645 – 1648.	

2.	Vikas Kumar and B. S. Desai . (2016). Phyto – sociological study of Waghai Forest Range in Dang District, South Gujarat, India. <i>J. Env. Bio-Sci.</i> Vol. 30 (2): 549 – 553.
3.	U. M. Parmar, B. S. Desai , J. R. Chavda, M. B. Tandel and S. K. Jha (2016). Seed Source Variation in Medicinal Tree – <i>Azadirachta indica</i> A. Juss. (Neem). <i>Journal of Non – Timber Forest Products.</i> 23 (3): 135 – 138.
4.	A. J. Sachin, P. P. Bhalerao, S. J. Patil and B. S. Desai . (2016). Essential Oils beyond aroma – a review. <i>Current Horticulture.</i> 4 (2): 3 – 6.
5.	B. H. Kaporiya, J. R. Chavda, B. S. Desai , Alka Singh, D. P. Patel and S. K. Jha. (2016). Influence of PGR on Growth and Quality of Sarpagandha (<i>Rauvolfia tetraphylla</i> L.). <i>The Bioscan.</i> 14 (4): 2549 – 2551.

FACULTY

Name	DR. PANKAJ P. BHALERAO		
DoB	05/01/1985		
Blood Group	O ⁺		
Designation	ASSISTANT PROFESSOR		
Qualification	Ph. D. (HORT.) FRUIT SCIENCE		
Contact No.	(02637) 282144 ext. 666		
Mobile No.	+91 9662532827		
Email ID	pankaj5bhalerao@nau.in		
Joining date and Professional Experience	02/03/2013 4 years 4 months		
PG students guided	M. Sc. – 03	Ph. D. - 00	
Courses Taken	PG Teaching		
	Code	Title	Credits
	PSMA-501	PRODUCTION OF PLANTATION CROPS	2+1
Research Interests	Fruit crops and coconut, turmeric, garlic, EFY and Tannia etc.		
Publications			
	SN	Publications	Number
	1.	Teaching Manuals	--
	2.	Research papers	09
	3.	Popular articles	10
	4.	Book Chapters	--
	5.	Books	--
	6.	Booklets	02
	7.	Folders/Pamphlets/Extension	03

		Bulletins					
Competence Building							
Seminar	Workshop	Symposium	Conference	Summer-Winter School	Orientation program	Short Courses	
03	04	--	02	01	--	--	
Events organized (During last four years)		Training programme organized-17					
		FLD's programme organized-21					
Projects on hand		PI	<ol style="list-style-type: none"> All India Coordinated Research Project (Palms) MIDH (Turmeric and Garlic) Revolving budget (ICAR) 				
Recommendations		For Farmers' Community: 02					
		For Scientific Community: --					
Membership		Editorial Boards: 01					
		Professional Societies: 05					
		Academic Bodies: --					
Other Activities		--					
Five Best research Publications		<ol style="list-style-type: none"> Bhalerao, P. P. and Patel, B. N. (2015). Effect of foliar application of Ca, Zn, Fe and B on growth, yield and quality of papaya (<i>Carica papaya</i> L.) var. Taiwan Red Lady. <i>Indian Jr. Horticulture</i>, 72 (3): 320-325. P. P. Bhalerao, H. P. Maheshwarappa and S. J. Patil (2016). Evaluation of Noni (<i>Morinda citrifolia</i>) as a mixed crop in coconut garden under South Gujarat condition. <i>Current Horticulture</i>, 4 (1): 52-54. A J Sachin, P. P. Bhalerao, S. J. Patil and B. S. Desai (2016). Essential oils beyond aroma — a review. <i>Current Horticulture</i>, 4 (2): 3-6. M. R. Zinzala, P. P. Bhalerao and S. J. Patil (2017). Effect of foliar application of plant growth regulators on growth, yield and quality of garlic (<i>Allium sativum</i> L.) var. GG-3. <i>Green Farming</i>, 8 (2): 483-485. A J Sachin, P. P. Bhalerao and S. J. Patil (2017). Effect of organic and inorganic sources of nitrogen on growth and yield of garlic (<i>Allium sativum</i> L.) var. GG-4. <i>International Journal of Chemical Studies</i>. 5 (4): 559-562. 					