



ANNUAL REPORT

2013 - 14

**COLLEGE OF AGRICULTURE,
NAVARI AGRICULTURAL UNIVERSITY,
WAGHAI - 394 730**



1. Introduction

The Dangs consists of a series of foothills between the flat alluvial plains of south Gujarat and the high mountains of Sahyadris. The district has dense forest area populated mainly by the tribals. As per the 2011 census, the district has a population of 2,26,769 divided almost equally between males and females. Dangs district has an average literacy rate of 76.80 per cent. The district comes under *South Gujarat Heavy Rainfall Zone-I; Agro Ecological Situation-I*.



Agricultural schooling started in Dangs in 1985-86 which was later upgraded to the Polytechnic in Agriculture cooperation and marketing in 2010-11. Government of Gujarat under Tribal Sub-Plan decided to establish full-fledged College of Agriculture at Waghai which became a constituent college of Navsari Agricultural University. Thus, College of Agriculture started functioning from 2012-13 and students were admitted to four years B.Sc.(Hons.) Agriculture degree programme for the first time in July, 2012.

2. Departments

Agronomy

Ag. Chem & Soil Sci.

Horticulture

Entomology

Pl. Pathology

Genetics & Plant Breeding

Agril. Econ.

Extension Edu.

Animal Science

Stat. & Comp. Sci.

Agril. Engg.

English

Physical Education

3. Staff Position (As on 31.03.2014)

Designation	Number
Principal	1
Professor	2
Associate Professor	4
Assistant Professor	14
Total	21

Faculty Name	Designation	Discipline	Contact details
Dr. Z. P. Patel	Principal	Entomology	Tel. No.- 02631 246688 caw@nau.in, zprin@nau.in
Dr. P. P. Chaudhari	Professor & Research Scientist	Agril. Botany	Mobile No.- 9427163653 Email ppchaudhari@nau.in
Dr. S. P. Saxena	Professor	Entomology	shushilsaxena@nau.in
Dr. A. P. Patel	Associate Professor	Agronomy	Mobile No.- 9427155512 arya_sunrise@yahoo.co.in
Dr. R. F. Chaudhary	Associate Professor	Plant Pathology	Mobile No.- 9426897839 rfchaudhary@yahoo.co.in
Dr. C. J. Patel	Associate Professor	Agril. Entomology	Mobile No.- 9725006536 cjpatel66@yahoo.co.in
Dr. V. J. Zinzala	Associate Professor	Agril. Chemistry & Soil Science	Mobile No.- 9879857823 vjzinzala@yahoo.co.in
Prof. K. B. Patel	Assistant Professor	Physical Instructor	Mobile No.- 99139 07794 krnlptl01@gmail.com
Prof. V. T. Shinde	Assistant Professor	Soil & Water Engineering	Mobile No.- 8128984318 vipulshinde123@gmail.com
Prof. H. P. Patel	Assistant Professor	Agril. Chemistry & Soil Science	Mobile No.- 98792 91253 hiren_agri36@yahoo.co.in
Prof. R. P. Bambharolia	Assistant Professor	Microbiology	Mobile No.- 9979502166 bambharolia_raju@yahoo.co.in
Prof. S. Ojha	Assistant Professor	Statistics	Mobile No.- 9662107466 sankalpa.stat@gmail.com
Dr. Manju Singh	Assistant Professor	Genetics & Plant Breeding	Mobile No.- 8469101586 manju23icar@gmail.com

Dr. B. Chakraborty	Assistant Professor	Horticulture	Mobile No.- 8238792464 bchakraborty@nau.in
Prof. V. S. Thorat	Assistant Professor	Agri. Economics	Mobile No.- 8469552697 vishal.lotus@gmail.com
Prof. T. U. Chaudhari	Assistant Professor	Mathematics	tejash05@nau.in
Prof. V. B. Patel	Assistant Professor	Computer Science	vim_patel@nau.in
Prof. V. P. Prajapati	Assistant Professor	Plant Pathology	virpathologist@gmail.com
Prof. P. I. Solanki	Assistant Professor	English	pisolucky@nau.in
Prof. Y. V. Naghera	Assistant Professor	Genetics & Plant Breeding	naghera1984@gmail.com
Prof. H. H. Patel	Assistant Professor	Agronomy	hhpatel@nau.in

4. Academic Programme

Presently, the College of Agriculture, Waghai offers B. Sc. (Hons.) in Agriculture which is a eight semesters UG degree programme.

5. Admission details

Category	2013-14			D to D		
	M	F	Total	M	F	Total
Gujarat Board						
SC	00	03	03	01	00	01
ST	03	05	08	02	00	02
SEBC	06	01	07	03	00	03
General	20	04	24	04	00	04
Other Board						
	01	02	03	00	00	00
Total	30	15	45	10	00	10

6. Infrastructure Development

- The construction of girls hostel and polytechnic buildings have been completed.
- The College is likely to be shifted to the newly erected building of Polytechnic in Agriculture.
- Advanced laboratory equipments *viz*; Laminar flow, trinocular microscope with photomicrography attachments, iron meter with electric rode, wet sieve shaker cum incubator, flame photometer have been purchased to strengthen laboratory facilities in various disciplines.
- Three digital class rooms have been established with computer and LCD projectors.
- Computers Laboratory has been established in the College for under graduate teaching.
- Hostels equipped with all the necessary amenities have been established for boys and girls.

7. Co-Curricular Activities

The students participated in Gunjan 2014 and stood first in Tribal (Dangi) dance at Inter collegiate literary competition held at NAU; Navsari. The students of this college have also participated in Inter-University cultural fest.



8. Sports Activities



9. Publication

1. H. P. Patel, S. G. Savalia, S. T. Shirgire and A. P. Italiya (2013). Evaluation of soil Constraints and Soil Site suitability of sesame in different landforms of coastal belt in Meghal Irrigation Command area of Southern Saurashtra region of Gujarat. Indian Society of Coastal Agricultural Research. 31(2): 28-32
2. V. P. Prajapati, A. N. Sabalpara and D. M. Pawar (2013). Assessment of Yield Loss due to Finger Millet Blast caused by *Pyricularia grisea* (Cooke) Sacc. Trends in Biosciences.6(6):2013:876
3. V. P. Prajapati, A. N. Sabalpara and D. M. Pawar (2013). Effect of Blast (*Pyricularia grisea* (Cooke) Sacc.) Disease on Finger millet Crop Phenology. Trends in Biosciences. 7(1): 1025
4. R. C. Patel, A. N. Sabalpara, D. H. Tandel, V. P. Prajapati and V. R. Patel (2014). Effect of Weather Parameters on Incidence of Chickpea Wilt caused by *Fusarium solani* (Mart) Sacc. Bioinfolet 11(1A): 132-133
5. R. C. Patel, A. N. Sabalpara, D. H. Tandel, V. P. Prajapati and V. R. Patel (2014). Evaluation of Different Organics against *Fusarium solani* (Mart) Sacc. causing Wilt of Chickpea (*Cicer arietinum* L.). Bioinfolet 11(1A): 134-135
6. D. H. Tandel, A. N. Sabalpara, R. C. Patel, V. P. Prajapati and V. R. Patel (2014). Antagonistic Effect on Growth and Sclerotial formation of *Macrophomina phaseolina* (Tassi) Goid. causing Green Gram Leaf Blight. Bioinfolet 11(1A): 89-91

7. K.B. Patel, S.P. Saxena, K.M. Patel and N.K. Gajre (2013). Biorational Pest Management in Mango. *Bioinfolet*, 10 (3A): 764 (Econ. Entomology)
8. Sangode Ekta S; Jadeja D.B. and Sushil Kumar (2013). Management of Gall Wasp, *Leptocybe invasa* (Fisher and Salle) in Eucalyptus under nursery condition. *J. Appl. Zool. Res*; 24 (1): 87-94(Forest Pest Management)
9. Chavan, S.M; Sushil Kumar and Arve, S.S. (2013). Population dynamics and development of suitable pest management module against major insect pests of tomato (*Solanum lycopersicum*). *J. Appl. Hort*; 15(2) : 150-155 (IPM)
10. Mukesh Parihar, Jadeja, D.B. and Sushil Kumar (2013). Surveillance of *Terminalia arjuna* (Roxb.) Wight & Arnold (Arjun) defoliator under South Gujarat agro-climatic conditions. *J. Appl. Zool. Res*; 24 (2): (Forest Pest Ecology)
11. H. P. Gajera, R. P. Bambharolia, Rinkal K. Domadiya, S. V. Patel and B. A. Golakiya (2013). Molecular characterization and genetic variability studies associated with fruit quality of indigenous mango (*Mangifera indica* L.) cultivars. *Plant Systematics and Evolution*, Volume 300, Issue 5, pp 1011-1020