



NAVSARI AGRICULTURAL UNIVERISTY



**COLLEGE OF AGRICULTURE,
NAVSARI AGRICULTURAL UNIVERISTY,
WAGHAI - 394 730**



1. VISION

A top class institution of learning dedicated to excellence in Agricultural sciences, industrial technology and allied fields, research and development, extension and training for global competitiveness and cooperation.

2. MISSION

To train manpower needed for Agricultural development of the state of Gujarat. In addition to this paramount mission, research and extension education will also be the priority in near future.

3. OBJECTIVES

- To impart higher education in Agricultural Science and Technology.
- To create cadre of Agricultural professionals to meet the demand of Agriculture sector in general and tribal sector in particular.
- To prepare ample human resource to carry out basic and modern applied research in Agriculture and Allied fields.
- To cater need for knowledge workers in tribal society of the forest area.

4. YEAR OF ESTABLISHMENT

- 2012-13

5. FUNDING AGENCY

Tribal sub-Plan, Department of Agriculture, Government of Gujarat (BH 12402)

6. 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

7. STUDENTS ENROLLED

Category	2015-16			D to D		
	M	F	Total	M	F	Total
Gujarat Board						
SC	02	00	02	00	01	01
ST	04	05	09	01	00	001
SEBC	11	01	12	03	00	03
General	18	05	23	05	00	05
Other Board						
	01	01	02	09	01	10
Grand Total	36	12	48	09	01	10

8. STAFF POSITION (As on 31.03.2016)

Faculty Name	Designation	Discipline	Contact details
Dr. Z. P. Patel	Principal	Entomology	Tel. No.- 02631 246688 caw@nau.in, zprin@nau.in
Dr. S.P. Saxena	Professor & Head	Entomology	Mo. 9427108412 saxenasushil2003@gmail.com
Dr. A. P. Patel	Associate Professor	Agronomy	Mo. 9427155512 arya_sunrise@yahoo.co.in
Dr. N.M. Chauhan	Associate Professor	Agril. Extension	Mo. 09427868668 nikulsinh_m@nau.in
Dr. C. J. Patel	Associate Professor	Agril. Entomology	Mo. 9725006536 c Patel66@yahoo.co.in
Prof. K. B. Patel	Assistant Professor	Physical Instructor	Mo.99139 07794 krnlptl01@gmail.com
Prof. V. T. Shinde	Assistant Professor	Soil & Water Engineering	Mo.8128984318 vipulshinde123@gmail.com
Prof. H. P. Patel	Assistant Professor	Agril. Chemistry & Soil Science	Mo.98792 91253 hiren_agri36@yahoo.co.in
Prof. R. P. Bambharolia	Assistant Professor	Microbiology	Mo.9979502166 bambharolia_raju@yahoo.co.in
Dr. Yogesh Garde	Assistant Professor	Statistics	Mo. 09595416021 y.garde@yahoo.co.in
Dr. Manju Singh	Assistant Professor	Genetics & Plant Breeding	Mo.8469101586 manju23icar@gmail.com
Dr. B. Chakraborty	Assistant Professor	Horticulture	Mo.8238792464 bchakraborty@nau.in
Prof. V. S. Thorat	Assistant Professor	Agril. Economics	Mo.8469552697 vishal.lotus@gmail.com
Prof. P.I. Solanki	Assistant Professor	English	Mo. 9427549029 pragnesh237_solucky@yahoo.com

Dr. V.P. Prajapati	Assistant Professor	Plant Pathology	Mo. 9601278020 virpathologist@rediffmail.com
Dr. Rahul Pisal	Assistant Professor	Agronomy	Mo. 9974746445 rrpagri@gmail.com
Prof. Y.V. Naghera	Assistant Professor	Genetics & Plant Breeding	Mo. 9601104034 yvnaghera@gmail.com
Dr. H.H. Patel	Assistant Professor	Agronomy	Mo. 9998820113 hiren_agron@yahoo.co.in
Prof. T.U. Chaudhari	Assistant Professor	Mathematics	Mo. 9601649968 tejash05@gmail.com

9. FACILITIES AVAILABLE

Infrastructure development

The College of Agriculture is housed in new building of Polytechnic and girls have been accommodated in newly constructed girl's hostel. Besides, construction of new college building has also been initiated. Modern laboratories of Entomology, Plant Pathology, Soil Science and Agricultural Chemistry, Genetics and Plant Breeding and Horticulture have been established in the new building.

Instruments/equipments

The College has established instrument facilities of Distillation Assembly, Spectrophotometer, Flame Photometer, Mechanical shaker, Nitrogen Gel plus Analyzer, Deep Freezer, Orbital shaker, Digital burette, Laminar Flow, PCR, Ion analyzer, Magnetic stirrer with hot plate, Graphite furnace, Acid dispenser, Colony counter, Incubator, Trinocular zoom Microscope with video attachment, student microscope, Dissecting microscope, Digital pH meter, Digital Refractometer, Vortex mixture, etc. for undertaking various experiments by UG students.

Computer facility

Computer laboratory has been established in the College for students so as to prepare them for IT lectures and practical.

Facilities like Computers, LAP TOP, LCD Projector, Video Projection screen, Fax machine, Xerox machine, Laser Printer, Scanner, Digital camera, Audio Visual system, CCTV, etc. are available.

Farm implements

Various farm implements like Rotovator, tractor trailer, cultivator, automatic seed cum fertilizer drill, disc plough, surveying and leveling instrument, petrol engine, diesel engine, centrifugal pump, submersible pump, lawn mower, vertical turbine pump, drip irrigation system, sprinkler irrigation set, solar cooker, biogas plant, wind mill are available for imparting practical training to UG students.

Students amenities

RO Water system, Gas connection, Gymnasium instruments, appliances including Body analyzer, line maker machine, pitch roller, TT table are available for students of College.



Laboratory



Library



Computer Lab



Class room with Audio visual aids



Independence day celebration on 15th August 2015.



Sports activity on 29.4.2015



Release of first College magazine (Dandakaranya) on Annual day of the College (Sohong 2015)

10. PUBLICATIONS

(A) Practical manuals published by College of Agriculture, NAU; Waghai

1. Agricultural Microbiology (Ag. Micro.2.1) by Prof. R.P. Bambharolia and Dr.V.P. Prajapati
2. Agricultural Statistics (Agril. Stat. 2.2) by Dr. Yogesh Garde
3. Biochemistry (Biochem. 4.1) by Prof. R.P. Bambharolia
4. Environmental (Envs.6.1) by Dr. S.P. Saxena, Prof. H.P. Patel and Prof. D.M. Damasia
5. Farm Machinery and Power by Prof. V.T. Shinde
6. Fundamentals of Soil and Water Management Engineering by Prof. V.T. Shinde
7. Insect Morphology and systematic (Ag. Ento. 3.1) by Dr. C.J. Patel, Dr. S.P. Saxena and Prof. D.M. Damasia
8. Insect Ecology and Integrated pest management including beneficial insects (Ag. Ento. 4.2) by Dr. S.P. Saxena, Dr. C.J. Patel and Prof. D.M. Damasia
9. Pests of field crops and stored grain and their management (Ag.Ento. 5.3) by Dr. S.P. Saxena, Dr. C.J. Patel and Prof. D.M. Damasia
10. Pests of Horticultural crops and their management (Ag. Ento. 6.4) by Dr. S.P. Saxena, Dr. C.J. Patel and Prof. D.M. Damasia
11. Plant Pathology Pl. Path. 3.2 by Dr.V.P. Prajapati
12. Plant Pathology Pl. Path. 5.3 by Dr.V.P. Prajapati
13. Plant Pathology Pl. Path. 6.4 by Dr.V.P. Prajapati

14. Plant Pathology Pl. Path. 6.5 by Dr.V.P. Prajapati
15. Production Technology of Horti crops (Hort. 4.3) by Dr. Binayak Chakraborty
16. Protected cultivation and Post-harvest Technology by Prof. V.T. Shinde
17. Renewable energy by Prof. V.T. Shinde

(B) Question bank

1. Question bank on Introductory Nematology for B.Sc.(Hons.) Agri students by Dr. V.P. Prajapati
2. Question bank on Pests of Horticultural crops and their Management by Dr. S.P. Saxena

(C) Research papers (published)

1. Chakraborty, B., Singh, P.N., Kumar, S. and Srivastava, P.C. 2014. Uptake and distribution of iron from different sources applied as foliar sprays to chlorotic leaves of low chill peach cultivar. Agricultural Research, 3(4): 293-301
2. Chaudhary, R.F., Prajapati, V.P., Sandipan, Prashant and Chaudhari, K.N. (2015). Efficacy of fungicides on uredospores germination of leaf rust of wheat. Trends in Biosciences, 8(11): 2735-2738
3. Chaudhary, R.F., Prajapati, V.P., Sandipan, Prashant, Chaudhary, F.K. and Chaudhary, M.G. (2015). Antifungal activity of plant extracts on uredospores germination of leaf rust of wheat. Trends in Biosciences, 8(11): 2739-2742

4. Kabade, K.H. and Patel, Z.P. (2015). Effect of weather on teak defoliator (*Hyblaea puera*) Cramer in teak clones at Dangs district. *Bioinfolet*, 12(1C): 340-42
5. Kabade, K.H. and Patel, Z.P. (2015). Biology of teak defoliator (*Hyblaea puera* Cramer Hyblaeidae: Lepidoptera). *Bioinfolet*, 12(1C): 343-46
6. Sagar Kishan Wadkar, Khajan Singh, Kadian, K.S., Malhotra, Y.A. and Garde, Y.A. (2015). Comparative study on effectiveness of the aAQUA e-agriservice among dairy farmers of Maharashtra. *Ind. J. of Dairy Sci.*, 68(4): 408-411
7. Shailesh Tayade and Patel, Z.P. (2015). Evaluation of Entomogenous fungus, *Metarhizium anisopliae* (Metsch) against banana pseudostem weevil, *Odoiporous longicollis* Oliver. *Souvenir and Abstracts of 34th Annual conference and symposium: Crop disease Management: Advances and Challenges held at N.M. College of Agriculture, NAU; Navsari during January 21-23, 2015*, pp: 28

(D) Popular articles

1. Damasia, D.M., Saxena, S.P., Patel, C.J. and Patel, Z.P. (2015). *Rakshit Kheti Man Jeevat Niyantran* (Gujarati). *Krushji Jeevan*, 7: 25-27

(E) Book/ Magazine published

1. Thorat, V.S. and Patel, C.J. (2015). "Dandakaranya" college magazine published by College of Agriculture and Polytechnic in Agriculture, NAU; Waghai, vol. 1