

1. Teaching Activities

A. Undergraduate level

SN	Course No.	Title of course	Credits
1	Agron 1.1	Agricultural Heritage	1 + 0=1
2	Agron 3.3	Crop Production Technology – I (<i>Kharif Crops</i>)	1 + 1=2
3	Agron 5.6	Farming System and Sustainable Agriculture	1 + 0=1
4	Agron 5.7	Geoinformatics and Precision Farming	1 + 1=2
5	Agron 5.8	Practical Crop Production-I (<i>Kharif</i> Crops)	0 + 1=1
7	Agron 2.2	Fundamentals of Agronomy	3 + 1=4
8	Agron 4.4	Crop Production Technology-II (<i>Rabi Crops</i>)	1 + 1=2
9	Agron 4.5	Weed Management	2 + 1=3
10	Agron 6.9	Principles of organic farming	1 + 1=2
11	Agron 6.10	Rainfed Agriculture and watershed management	1 + 1=2
12	Agron 6.11	Practical crop production-II (<i>Rabi</i> crops)	0 + 1=1

B. Postgraduate courses offered during odd semester

SN	Course No.	Title of course	Credits
1	Agron. 503	Principles and practices of weed management	2 + 1=3
2	Agron. 504	Principles and practices of water management	2 + 1=3
3	Agron. 506	Agronomy of major cereals and pulses	2 + 1=3
4	Agron. 507	Agronomy of oilseed, fiber and sugar crops	2 + 1=3
5	Agron. 513	Principles and practices of organic farming	2 + 1=3
6	Agron. 601	Current trends in Agronomy	3 + 0=3
7	Agron. 604	Advances in crop growth and productivity	2 + 1=3
8	Agron. 512	Dry land farming	2 + 1=3
9	Agron. 606	Advances in weed management	2 + 0=2
10	Agron. 591	Masters seminar	1 + 0=1
11	Agron. 691	Doctoral seminar-I	1 + 0=1
12	Agron. 692	Doctoral seminar-II	1 + 0=1

C. Postgraduate courses offered during even semester

SN	Course No.	Title of course	Credits
1	Agron. 501	Modern concepts in crop production	3 + 0=3
2	Agron. 502	Principles & practices of soil fertility and nutrient management	2 + 1=3
3	Agron. 511	Cropping systems	2 + 0=2
4	Agron. 602	Crop ecology	2 + 0=2
5	Agron. 605	Irrigation management	2 + 1=3
6	Agron. 607	Integrated Farming Systems	2 + 0=2
7	Agron. 609	Stress crop production	2 + 1=3

D. Other academic activities

Practical crop production programme: To fulfill the objective to learn about the agronomic practices and economics of specific crop through this PCP Programme by UG Students.

Seed Production

Crop	Year (Seed production in kg.)				
	2019-20	2020-21	2021-22	2022-23	2023-24
Paddy	-	17785	28735	26260	29060
Sunnhemp	6900	4928	3750	1566	3344

2. Research activity

Current Research Schemes at Department

SN	Name of project	B.H.
Plan projects		
1.	Research in weed control	12929-02
2.	Establishment of forage research station at Navsari	12038
Non-plan projects		
1.	Instructional Farm	6119
ICAR		
1.	AICRP on Farming System Research	2040
Other agency: Department of Science and Technology, New Delhi		
1.	Low cost biofortification kit: A sustainable technology tool for nutrition, yield and income security of farmers	18214
Revolving fund scheme		9510-N 36

3. Extension Activities

- Need based training to the extension workers / officers of Department of Agriculture Gujarat State, Officers / Field Staff of Sugar Factories; and farmers bring by various NGOs to strengthen their knowledge about field crop production.
- Staff is actively participating in *Krishi Mela*, *Krishi Mahotsav*, *Khedut Din*, *Khedut Shibir*, Seminar, Radio, Television Programme etc.
- Department is also imparting training to the students of various rural academic institutes.
- This department is also guiding farmers through various means of extension on crop production
- Department has well established weed museum for students, farmers, extension workers as well as scientists.