

**a. Faculty positions sanctioned/Vacant/Filled**

**b.**

Sr. No.	Designation	Discipline	Sanction Posts	Filled Posts	Vacant Posts
1.	Associate Professor /Principal	Fruit science	1	1	0
2.	Assistant Professor	Vegetable	1	1	0
3.	Assistant Professor	Agronomy	1	1	0
4.	Assistant Professor	Entomology	1	1	0
5.	Assistant Professor	Fruit science	1	1	0
6.	Assistant Professor	Floriculture	1	0	1
7.	Assistant Professor	Post-harvest Technology	1	0	1
Grand Total			7	5	2

**c. List of Departments and Faculties:**

Sr. No.	Name	Designation	Highest Qualification	Contact details & Email ID
1.	Dr. S. S. Gaikwad	Associate Professor /Principal	Ph.D.	9974062591 <a href="mailto:ssgaikwad@nau.in">ssgaikwad@nau.in</a>
2.	Dr. S. S. Masaye	Assistant Professor	Ph.D.	9998821208 <a href="mailto:sandipmasaye@nau.in">sandipmasaye@nau.in</a>
3.	Dr. H. F. Patel	Assistant Professor	Ph.D.	7359398111 <a href="mailto:hfpatel108@gmail.com">hfpatel108@gmail.com</a>
4.	Prof. A. I. Makawana	Assistant Professor	M. Sci.	9898088537 <a href="mailto:aimakawana@nau.in">aimakawana@nau.in</a>
5.	Prof. C. M. Patel	Assistant Professor	M. Sci.	9974062396 <a href="mailto:chetnapatel@nau.in">chetnapatel@nau.in</a>

**d. List of projects ongoing:**

Sr. No.	Title	Year of commencement	Funding Agency	Budget Head
1.	Horticulture Polytechnic, NAU, Paria	2012	Plan	12401

e. Courses offered

Odd Semester			Even Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
First semester			Second semester		
VEG 1.1	Fundamentals of Vegetable Production	3(2+1)	FRT 2.3	Growth and Development of Horticultural Crops	2(1+1)
FLA 1.1	Introductory Floriculture	2(1+1)	NRM 2.2	Fundamentals of Soil Science	3(2+1)
NRM 1.1	Introductory Agronomy	2(1+1)	VEG 2.2	Tropical and Subtropical Vegetables	3(2+1)
PPT 1.1	Introductory Entomology	2(1+1)	FLA 2.2	Ornamental Horticulture	2(1+1)
SSC 1.1	Communication Skills and Personality Development	2(1+1)	PHT 2.1	Fundamentals of Post-harvest Technology of Horticultural Crops	2(1+1)
BSC 1.1	Introductory Botany	2(1+1)	NRM 2.3	Manures and Fertilizers	2(1+1)
FRT 1.1	Fundamentals of Horticulture	3(2+1)	PPT 2.2	Fundamentals of Plant Pathology	2(1+1)
FRT 1.2	Plant Propagation and Nursery Management	2(1+1)	SSC 2.2	Information and Communication Technology	2(1+1)
Third semester			Fourth semester		
FRT 3.4	Tropical and Subtropical Fruits	3(2+1)	NRM 4.5	Soil Fertility and Nutrient Management	2(1+1)
VEG 3.3	Cool Season Vegetable Crops	2 (1+1)	FRT 4.5	Plantation Crops, Spices and Condiments	2(1+1)
FLA 3.3	Cultivation of Commercial Flowers	2(1+1)	BSC 4.4	Principles of Genetics and Cytogenetics	3(2+1)
SSC 3.3	Introductory Extension Education	2(1+1)	PHT 4.2	Fundamentals of Food and Nutrition	2(1+1)
SSC 3.4	Social and Farm Forestry	2(1+1)	NRM 4.6	Agro-meteorology and Climate Change	2(1+1)
BSC 3.2	Introductory Microbiology	2(1+1)	BSC 4.5	Introductory Crop Physiology	2(1+1)
BSC 3.3	Principles of Plant Breeding	2(1+1)	FLA 4.4	Medicinal and Aromatic Plants	2(1+1)
NRM 3.4	Water Management in Horticultural Crops	2(1+1)	FRT 4.6	Watershed Management and Dry Land Horticulture	2(1+1)
			PPT 4.3	Pest and Disease Management of Horticultural Crops	2(1+1)

Fifth Semester			Sixth semester		
BSC 5.6	Environmental Science	2(1+1)	HWE 6.1	Cultivation of Hi-valued Horticultural Crops	4(0+4)
VEG 5.4	Vegetable Seed Production and Certification	2(1+1)	HWE 6.2	Nursery Production, Management of Horticultural Crops and Micro-propagation	4(0+4)
PHT 5.3	Preservation and Value Addition of Horticultural Crops	3(2+1)	HWE 6.3	Value Addition of Fruits and Vegetables	4(0+4)
FLA 5.5	Protected Cultivation of Horticultural Crops	3(2+1)	HWE 6.4	Floriculture and Landscape Gardening and Value Addition of Flowers	(0+4)
SSC 5.5	Elementary Statistics and Computer Application	3(2+1)	HWE 6.5	Educational Tour	4(0+4)
BSC 5.7	Elementary Plant Biochemistry	2(1+1)			
SSC 5.6	Economics and Marketing	2(1+1)			
NRM 5.7	Farm Power and Machinery, Soil Survey and Conservation	2(1+1)			

## f. Infrastructure facilities

### i. Laboratories (important equipments)

1. Fruit science
2. Vegetable
3. Post Harvest Technology
4. Floriculture & Landscape
5. Agronomy (NRM)
6. Entomology (Plant protection)
7. Basic Science

#### 1. Fruit science

- Fruit penetrometer
- Different types of garden scissor

#### 2. Vegetable science

- Seed germinator,
- Lux meter,
- Moisture meter,
- Leaf area meter

#### 3. Post Harvest Technology

- Refrigerator,
- Juicer machine,
- crown corking machine
- TSS meter

#### 4. Floriculture & Landscape

- Loan mover,
- Brush cutter

#### 5. Agronomy (NRM)

- Water bath,
- Rotary shaker,
- EC meter,
- PH meter,
- Balance,
- Screw Auger,

#### 6. Entomology (Plant protection)

- Hot air oven,
- Autoclave,
- BOD incubator,
- Microscope,
- Centrifuge

#### 7. Basic Science

##### ii. Seminar : One



iii. Classroom – AV

Three classroom: All are AV classroom

iv. Computer Lab

Total 20(Twenty) computer set

v. Extra Activities – (NCC, NSS, Sports, Cultural)

National Service Scheme (NSS):

Horticulture polytechnic, ACHF, NAU, Paria students are enrolled since 2015 in National Service Scheme (NSS) at college level to organize the camp at village level to conduct the activities of NSS as per guidelines.



Sports:

Cultural:



First cultural program





Second cultural program



Third cultural program



First cultural program



vi. Hostel(Girls/Boys)

**Parshuram Boy's hostel**

72 student's capacity with mess



**Sarswati Girl's hostel**

36 student's capacity with mess



vii. Indoor-outdoor play ground  
One outdoor play ground



g. Master and Doctoral Thesis : No

h. List of On-roll polytechnic students

Sr. No.	No. Of Student
<b>Second Semester</b>	
	<b>Total : 37 Student</b>
<b>Fourth Semester</b>	
	<b>Total : 35 Student</b>
<b>Sixth Semester</b>	
	<b>Total : 28 Student</b>

i. Achievements / Awards:

**Year wise D2D Admitted Student**

Year	Admitted Student	Passed out Student	D2D Admitted Student
2012-2013	24		
2013-2014	29		
2014-2015	30		
2015-2016	35	22	5
2016-2017	28	26	9
2017-2018	33	26	6
2018-2019	40	27	10
2019-2020	44	24	06
2020-2021	44	28	06
2021-2022	43	30	06
<b>Total</b>	<b>305</b>	<b>183</b>	<b>48</b>

j. Gallery: