



Department of Social Science  
ASPEE College of Horticulture  
Navsari Agricultural University  
Navsari – 396450



## ACTIVITIES & ACHIEVEMENTS of DEPARTMENT

### ACADEMIC ACTIVITIES

#### List of Courses offered by the Department for Under Graduate Programme(As per 5<sup>th</sup> Dean's Committee)

B. Sc. (Hons.) Horticulture				
S. N.	Sem.	Course No.	Title of Course	Credit hrs
1	V	SSC 5.7	Fundamentals of Extension Education	2(1+1)
2	VI	SSC 6.8	Horti. Business management	2(2+0)
3	VI	SSC 6.9	Entrepreneurship Development & Business management	2(1+1)
Sub Total (A)				6 (4+2)
B. Sc. (Hons) Forestry				
1	V	NRM 5.8	Principles of economics & marketing	3(2+1)
2	VI	FPU 6.7	Marketing & certification of forest produce	2(1+1)
3	VI	BSH 6.9	Entrepreneurship Development & Business management	2(1+1)
Sub Total (B)				7 (4+3)
Horticulture Polytechnic				
1	I	SSC 1.1	Communication skill & personality development	2(1+1)
2	II	SSC 2.2	Information and Communication Technology	2(1+1)
3	III	SSC 3.3	Introductory Extension Education	2(1+1)
4	V	SSC 5.5	Elementary Statistics and Computer Application	3(2+1)
Sub Total (C)				9 (5+4)
Total (A+B+C)				22(13+9)

#### List of Courses offered by the Department for Post Graduate Programme (As per BSMA Committee)

M. Sc. & Ph.D. Horticulture				
S. N.	Sem.	Course No.	Title of Course	Credit hrs
M.Sc. & Ph.D. Forestry				
1	Odd	FOR 604	Advances in Economic Analysis in Forestry	2(2+0)
2	Even	FRM 505	Forest Resource Economics	2(1+1)
Sub Total (B)				4 (3+1)
Compulsory Non-Credit Courses				
	Odd	PGS 502	Technical writing and communication skill	1(0+1)
	Even	PGS 505	Agril. Research, Research ethics and Rural Development Programmes	1(1+0)
Sub Total (C)				2 (1+1)
Total (A + B + C)				6(4+2)

**List of Courses offered by the Department for Under Graduate Programme  
(As per 6th Dean's Committee)**

SN	Course Code	Course Title	Credit
1	MDC -II	Entrepreneurship Development and Business Management	3(2+1)
2	AEC-IV	NCC-I/NSS-I	1(0+1)
3	AEC-I	Communication Skills	2(1+1)
4	AEC – II	Personality Development	2(1+1)
5	AEC-V	NCC-II/NSS-II	1(0+1)
6	AEC – III	Physical Education, First Aid, Yoga Practices and Meditation	2(0+2)
7	VAC – II	Agricultural Informatics and Artificial Intelligence	3(2+1)
8	MDC – III	Agriculture Marketing and Trade	3(2+1)
9	SSC 5.1	Information and Communication Technology in Horticulture	3(1+2)
10	SSC 5.2	Basic Statistics and Experimental Designs	3(2+1)
11	SSC 6.3	Economics and Marketing	3(2+1)
12	SEC 9	Computer Programming and Data Structures	2(0+2)
		Total	28 (13+15)

**Practical Manuals Published**

Sr. No.	Course No.	Title of the Course	Academic Year
1.	NRMF 5.10	Principles of forest economics, Project Planning and Evaluation	2015-16
2.	SSC 1.2	Economics and Marketing	2017-18
3.	NRM 5.8	Principles of Economics and Marketing	2018-19

**RESEARCH ACTIVITIES**

**New Technical Programmes during 2025-26**

Sr. No.	Title of Research Project	Year of Commencement & Budget Head	PI & Co-PI	Funding Agency
1	Water use efficiency of water intensive crops: a study of borewell owning farmers of South Gujarat	2023-24	Dr. Alpesh Leua., Dr. D. J. Chaudhari, Dr. A. P. Chaudhary, And Dr. Jaideep Varsani	AGRESCO Project
2	Impact Assessment of Per Drop More Crop scheme in South Gujarat State	2024-25	Dr. Alpesh Leua., Dr. D. J. Chaudhari, Dr. A. P. Chaudhary, And	AGRESCO Project
3	Decomposition and forecasting of milk production in Gujarat state	2025-26	Dr. D. J. Chaudhari, Dr. Alpesh Leua and Dr. A. P. Chaudhary	AGRESCO Project
4	Evaluation and development of yardstick of CV% for sapota crop experiments for South Gujarat region	2025-26	Dr. A. P. Chaudhary, Dr. K. L. Chaudhary, Dr. Alpesh Leua and Dr. Alok Shrivastava	AGRESCO Project

## Research recommendations

S.N.	Title of Experiment and Recommendation	Name of PI /Co-PI/ Associate
<b>1</b>	<b>Approved in 17<sup>th</sup> CJA of SSG</b>	
	<b>Title: Growth and instability analysis of area and production in forestry sector of Gujarat</b> <i>Special attention needs to be given to Surat, Gandhinagar, Junagadh, Valsad and Vadodara circles to increase the area under forest and tree cover whereas appropriate measures are needed to increase timber trees in Surat circle and fuel wood trees in Junagadh and Junagadh Wildlife circle.</i>	Dr. D. J. Chaudhari, Dr. A. K. Leua and Dr. A. P. Chaudhary
<b>2</b>	<b>Approved in 19<sup>th</sup> CJA of SSG</b>	
	<b>Title: Evaluation and development of yardstick of CV% for mango crop experiments for South Gujarat region</b> <i>The yardstick of CV (%) for accepting the results of mango experiments in South Gujarat region is up to 29.00 per cent for yield character.</i>	Dr. A. P. Chaudhary; Dr. Alok Shrivastava; Dr. Y. A. Garde and Dr. D. J. Chaudhari
<b>3</b>	<b>Approved in 19<sup>th</sup> CJA of SSG</b>	
	<b>Title: Role of Agricultural Infrastructure on Agricultural Efficiency in Gujarat</b> <i>In order to achieve better agricultural efficiency, the government should target agricultural resource- based investments in the districts with poor agricultural efficiency such as Patan, Valsad, Dang, Dahod, Amreli and Navsari.</i>	Dr. A. K. Leua, Dr. D. J. Chaudhari, Dr. A. P. Chaudhary and Dr. O. P. Sharma
<b>4</b>	<b>Approved in 20<sup>th</sup> CJA of SSG</b>	
	<b>Title: Trade performance of Wood Products of India.</b> <i>“Indian veneer wood and plywood are found more competitive in world market than industrial round wood and swan wood. To remain competitive in the trade, export of Indian veneer wood and plywood should be increased by encouraging exporters and production through different programs and schemes.”</i>	Dr. D. J. Chaudhari, Dr. A. K. Leua and Dr. A. P. Chaudhary

## Infrastructure Available

Sr. No.	Infrastructure or Facilities available	Area/No.
<b>1</b>	AV Laboratory of Agril. Extension Education	01
<b>2</b>	Laboratory of Agril Economics	01
<b>3</b>	Computer Lab of Agril. Statistics	01
<b>4</b>	Computers in Computer Lab of Agril. Statistics	25

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