

[Aca] Item No. 46.11

**COLLEGE OF HORTICULTURE
ANAND AGRICULTURAL UNIVERSITY**

ANAND - 388 110 (Gujarat)



Dr. K. P. Patel
Principal and Dean

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Approval of correction for 1st and 2nd semesters courses of B. Sc. (Hons.) Horti. As per ICAR 5th Deans' Committee recommendations.

Read: Minutes of the 46th Meeting of Academic Council

NOTIFICATION

It is hereby notified to all concerned that vide item No. 46.11 in the minutes of the 46th Meeting of the Academic Council of the Anand Agricultural University held on 21.07.2017, the council has resolved as under.

“It is resolved that the member of Academic Council approves the changes in content of SSC 1.1 (Elementary Statistics and Computer Application) (Appendix – I) and interchanged it with VEG 2.1 (Tropical and Sub Tropical Vegetables) with new subject codes as per respective semester for its implementation in the B. Sc. (Hons.) Horticulture degree programme as appended in Appendix – II for the students admitted from the the academic year 2017-18.”

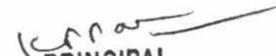
Encl: Appendix I and Appendix II

No. AAU/COH/TO/484-531/2017
Date: 02.08.2017


(K. P. Patel)
Principal and Dean,
College of Horticulture

art is to be deleted.

	Reason for deletion	Addition
<p>imitations of statistics. Basic concepts: Variable statistics, types sification and tabulation of data, construction of frequency ic representation of data, simple, multiple component and ie diagram, histogram, frequency polygon and frequency curve ocation, mean, mode, median, geometric mean, harmonic mean, or raw and grouped data. Dispersion: Range, standard deviation, of mean, coefficient of variation for raw and grouped data. ; additive and multiplicative laws. Theoretical distributions, ormal distributions, sampling, basic concepts, sampling vs. meter and statistic, sampling methods, simple random sampling ling. Tests of Significance: Basic concepts, tests for equality of d paired t-tests, chi-square test for application of attributes and Mendalian ratios. Correlation: Scatter diagram, correlation co- egression, fitting of simple linear regression, test of significance n coefficient. Experimental designs: Basic concepts, completely ized block design, latin square designs, factorial experiments, actorial experiments up to 3 factors – split plot design, strip plot its, plot size, guard rows.</p>	<p>Keep As Such</p>	
<p>duction to computers and personal computers, basic concepts, Windows, MS Word Features of word processing, creating printing of document, MS Excel Concept of electronic g and saving of spreadsheet, inbuilt statistical functions and point preparation, presentation of slides and slide show.</p>	<p>These topics are covered in another course (SSC 1.3) in same 1st</p>	<p>Computer application: for calculation of various measures of central tendency, various measures of dispersion, correlation coefficient, regression coefficient, graphical presentation of data, t-test, chi-square test, completely randomized design,</p>


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ming languages, BASIC language, concepts, basic and AS Office, Win Word, Excel, Power point, introduction to multi- Visual basic concepts, basic and programming techniques,	semester of which content of theory and practical is given below.	randomized block design.
distribution table and its graphical representation, histogram, ncy curve, bar chart, simple, multiple, component and percentage n, mode for raw and grouped data, percentiles, quadrille, and ed data, coefficient of variation, 't' test for independent, with ts, paired 't' test, chi-square test for contingency tables and n and linear regression.	Keep As Such	
ments - Basic language, visual basic, programming techniques, aint	These topics are covered in another course (SSC 1.3) in same 1 st semester.	Studies on computer: for calculation of various measures of central tendency, various measures of dispersion, correlation coefficient, regression coefficient, graphical presentation of data, t-test, chi-square test, completely randomized design, randomized block design.

1.3	Information and Communication Technology	2(1+1)
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tools, IT-enabled services and their impact on society; computer fundamentals; hardware and software; input and output
cter representation; features of machine language, assembly language, high-level language and their advantages and
of programming- algorithms and flowcharts; Operating systems (OS) - definition, basic concepts, introduction to
Operating Systems; Local area network (LAN), Wide area network(WAN), Internet and World Wide Web, HTML and IP;
- Word, Excel, Power Point. Teleconferencing; ICT in Extension education, ICT use in rural India.

r system, algorithm and flow chart; MS Word; MS Excel; MS Power Point; Internet applications: Web Browsing, Creation
unt; Analysis of horticulture data using MS Excel. Demonstration of video conferencing / teleconferencing system.



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AMENDMENT/SUGGESTED**Semester – I**

Sr. No.	Course No.	Title of the Course	Credit Hours
1	FRT 1.1	Fundamentals of Horticulture	3(2+1)
2	VEG 1.1	Tropical and Subtropical Vegetables	3(2+1)
3	NRMH 1.1	Fundamental of Soil Science	3(2+1)
4	PHT 1.1	Fundamentals of food science and nutrition	2(1+1)
5	BSC 1.1	Elementary Plant Biochemistry	2(1+1)
6	BSC 1.2	Principles of Genetics and Cytogenetics	3(2+1)
7	BSC 1.3	Introductory Microbiology	2(1+1)
8	SSC 1.1	Information and communication technology	2(1+1)
9	SSC 1.2	Economics and Marketing	3(2+1)
10	SSC 1.3	Physical and Health Education	1(0+1)(NC)*
		Total	23(14+09)+1*=24

Semester – II

Sr. No.	Course No.	Title of the Course	Credit Hours
1	FRT 2.2	Plant Propagation and Nursery Management	2(1+1)
2	FLA 2.1	Ornamental Horticulture	2(1+1)
3	NRMH 2.2	Soil Fertility and Nutrient Management	2(1+1)
4	NRMH 2.3	Water Management in Horticultural Crops	2(1+1)
5	PPT 2.1	Fundamentals of Plant Pathology	3(2+1)
6	NRMH 2.4	Agro-meteorology and Climate Change	2 (1+1)
7	BSC 2.4	Introductory Crop Physiology	2(1+1)
8	BSC 2.5	Principles of Plant Breeding	3(2+1)
9	SSC 2.4	Elementary Statistics and Computer Application	3(2+1)
10	SSC 2.5	Communication Skills and Personality Development	2(1+1)
11	SSC 2.6	National Service Scheme/National Cadet Corp	1(0+1)(NC)*
		Total	23(13+10)+1*=24

APPROVED

Semester – I

Sr. No.	Course No.	Title of the Course	Credit Hours
1	FRT 1.1	Fundamentals of Horticulture	3(2+1)
2	NRMH 1.1	Fundamental of Soil Science	3(2+1)
3	PHT 1.1	Fundamentals of food science and nutrition	2(1+1)
4	BSC 1.1	Elementary Plant Biochemistry	2(1+1)
5	BSC 1.2	Principles of Genetics and Cytogenetics	3(2+1)
6	BSC 1.3	Introductory Microbiology	2(1+1)
7	SSC 1.1	Elementary Statistics and Computer Application	3(2+1)
8	SSC 1.2	Economics and Marketing	3(2+1)
9	SSC 1.3	Information and communication technology	2(1+1)
10	SSC 1.4	Physical and Health Education	1(0+1)(NC)*
		Total	23(14+09)+1*=24

Semester – II

Sr. No.	Course No.	Title of the Course	Credit Hours
1	FRT 2.2	Plant Propagation and Nursery Management	2(1+1)
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