

Course curriculum of Polytechnic in Agriculture

SEMESTERWISE DISTRIBUTION OF COURSES NAVSARI

Course No.	Title of the Course	Credit
I Semester		
Agron. 1.1	Introductory Agriculture and Principles of Agronomy	2+1=3
Agron. 1.2	Field Crops-I (<i>kharif</i>)	2+1=3
Ag. Chem. 1.1	Introduction to Soil Science	2+1=3
Pl. Path. 1.1	Introductory Plant Pathology	1+1=2
PBG 1.1	Economic Botany	1+1=2
Maths 1.1	Biomathematics	2+0=2
Eng. 1.1	Comprehension and Communication Skills in English	1+1=2
P.E. 1.1	NSS/NCC/Physical Education (Non credit course)	0+1=1*
Total		11+6+1* =18
II Semester		
Ag. Eco. 2.1	Principles of Agricultural Economics	2+0=2
Ag. Engg. 2.1	Fundamentals of soil water conservation and engineering	2+1=3
Ag. Ento. 2.1	Fundamentals of Entomology	1+1=2
Ag. Chem. 2.2	Soil chemistry, soil fertility and nutrient management	2+1=3
Agron. 2.3	Field crops -II (Rabi)	2+1=3
Ag. Met. 2.1	Agricultural meteorology	2+1=3
P.E. 2.2	NSS/NCC/Physical Education (Non credit course)	0+1=1*
III Semester		11+5+1* =17
Agron. 3.4	Organic Farming and Sustainable Agriculture	1+1=2
Agron. 3.5	Practical Crop Production (Kharif crops)	0+1=1
Ag. Chem. 3.3	Plant nutrition, manures and fertilizers	2+1=3
PBG 3.2	Principles of genetics	2+1=3
Ag. Ento. 3.2	Principles of Insect control	1+1=2
Pl. Path. 3.2	Diseases of field crops and their management	1+1=2
LPM -3.1	Principles of Live stock & Poultry Production	1+1=2
Hort. 3.1	Production technology of fruit crops	2+1=3
P.E. 3.3	NSS/NCC/Physical Education (Non credit course)	0+1=1*
Total		10+8+1* =19

Course No.	Title of the Course	Credit
IV Semester		
Agron. 4.6	Water Management	2+1=3
Agron. 4.7	Weed management	1+1=2
P1.Path.4.3	Diseases of fruits and vegetable crops and their management	1+1=2
Pl. Phy. 4.1	Crop Physiology	1+1=2
Ag. Ento. 4.3	Pests of field crops and their management	1+1=2
Hort. 4.3	Production Technology of Vegetable Crops	1+1=2
Ag. Engg. 4.2	Post harvest technology	1+1=2
Ag. Stat. 4.1	Introduction to computer application	1+1=2
P.E. 4.4	NSS/NCC/Physical Education (Non credit course)	0+1=1*
Total		9+8+1*=18
V Semester		
Agron. 5.8	Farming Systems and farm management	1+1=2
Ag. Extn.5.1	Fundamentals of Extension Education and communication	2+1=3
Ag. Stat. 5.2	Agriculture statistics	2+1=3
Hort. 5.4	Production Technology of Flower Crops and Gardening	1+1=2
PBG 5.3	Introductory Plant Breeding	2+1=3
Ag. Micro. 5.1	Agricultural Microbiology	2+1=3
LPM 5.2	Dairy Cattle and Buffalo Production & Management	2+1=3
Ag. Ento. 5.4	Pests of fruit and vegetable crops and their management	1+1=2
Total		13+8=21
VI Semester		
PBG 6.4	Seed Production Technology	0+4=4
Hort. 6.5	Preservation and Value Addition in Horticultural Crops	0+4=4
P1.Path. 6.4	Mushroom Production Technology	0+4=4
Hort. 6.6	Green House Technology	0+4=4
Agron. 6.9	Vermicompost	0+4=4
	Educational Tour*	S
Total (A)		0+20=20*
	Agronomy	11+8=19
	Agril. Chemistry Soil Science	6+3=9
	Botany, Genetics & Plant Breeding	5+3=8
	Horticulture	4+3=7
	Entomology	4+4=8
	Plant Pathology	3+3=6
	Agril. Engineering	3+2=5
	Agril. Extension Education	2+1=3
	Animal Husbandry	3+2=5
	Agril. Economics	2+0=2
	Agril. Statistics	3+2=5
	English	1+1=2
	Physiology	1+1=2
	Ag. Meteorology	2+1=3
	Agricultural Microbiology	2+1=3
	Biomathematics	2+0=2
	PE (Non credit)	0+4*
	Educational Tour	S
Total (B)		54+35=89
Grand Total (A+B)		20+89=109
*Practical work exposure		20