

Course offered by the C.P. College of Agriculture for PG students of odd semester to be start form 7/9/2020.

Dept of Genetics and Plant Breeding				
Sr. No.	Course Code	Course Title	Course Credit	Name of PG Teacher
1	GP 501/ MBB 551	PRINCIPLES OF GENETICS	2+1=3	Dr. N. V. Soni
2	GP 502	PRINCIPLES OF CYTOGENETICS	2+1=3	Dr. N. B. Patel/ Mr. AnkitM. Patel
3	GP 506	POPULATION GENETICS	2+1=3	Dr. P. C. Patel
4	GP 508	CELL BIOLOGY AND MOLECULAR GENETICS	2+1=3	Mr. Manish Sharma
5	GP 509	BIOTECHNOLOGY FOR CROP IMPROVEMENT	2+1=3	Dr. Kapil K. Tiwari
6	GP 602	ADVANCES IN QUNTITATIVE GENETICS	2+1=3	Dr. S. D. Solanki
7	GP 603	GENOMICS IN PLANT BREEDING	2+1=3	Dr. L. D. Parmar
8	GP 607	BREEDING DESIGNER CROPS	2+1=3	Dr. P. T. Patel/ Mr. Kiran G. Kugasiya
9	MBB 501	PRINCIPLES OF BIOTECHNOLOGY	2+1=3	Dr. H. N. Zala
10	MBB 502	FUNDAMENTALS OF MOLECULAR BIOLOGY	3+0=3	Dr. VineetKaswan
11	MBB 503	MOLECULAR CELL BIOLOGY	3+0=3	Mrs. SulbhiVerma
12	MBB 505	TECHNIQUES IN MOLECULAR BIOLOGY I	0+3=3	Dr. H. N. Zala/ Dr. Kapil K. Tiwari
13	MBB 601	ADVANCES IN PLANT MOLECULAR BIOLOGY	3+0=3	Dr. R. A. Gami
14	MBB 604	ADVANCES IN CROP BIOTECHNOLOGY		Dr. L. D. Parmar
15	PP 501	PRINCIPLES OF PLANT PHYSIOLOGY	3+1=4	Dr. A. K. Singh
16	PP 502	PLANT DEVELOPMENTAL BIOLOGY – PHYSIOLOGICAL AND MOLECULAR BASIS	2+0=2	Dr. H. S. Bhadauria
17	PP 504	HORMONAL REGULATION OF PLANT GROWTH AND DEVELOPMENT	2+1=3	Dr. A. K. Singh
18	PP 506	PHYSIOLOGY OF GROWTH AND YIELD AND MODELING	1+1=2	Dr. A. K. Singh
19	PP 508	MORPHOGENESIS, TISSUE CULTURE AND TRANSFORMATION	2+1=3	Dr. H. S. Bhadauria
20	SST 501	FLORAL BIOLOGY, SEED DEVELOPMENT & MATURATION	1+1=2	Dr. N. B. Patel
21	SST 502	PRINCIPLES OF SEED PRODUCTION	2+0=2	Dr. Y. A. Viradiya
22	SST 503	SEED PRODUCTION IN FIELD CROPS	2+1=3	Mr. J. R. Patel
23	SST 511	SEED ENTOMOLOGY	2+1=3	Dr. Shushma Deb
24	SST 601	HYBRID SEED PRODUCTION	1+1=2	Dr. S. D. Solanki
25	SST 604	DUS TESTING FOR PLANT VARIETY PROTECTION	2+1=3	Dr. D. K. Patel
26	SST 605	DVANCES IN SEED SCIENCE RESEARCH	1+0=1	Dr. M. S. Patel
27	PGS 504	BASIC CONCEPTS IN LABORATORY TECHNIQUES	0+1=1	Dr. K. P. Pachchigar
28	GP 591	MASTER'S SEMINAR	1+0=1	Dr. S. D. Solanki & Dr. N. V. Soni
29	MBB 591	MASTER'S SEMINAR	1+0=1	
30	PP 591	MASTER'S SEMINAR	1+0=1	
31	SST 591	MASTER'S SEMINAR	1+0=1	
32	GP 691	DOCTORAL'S SEMINAR-I	1+0=1	
33	MBB 692	DOCTORAL'S SEMINAR-II	1+0=1	

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Agronomy Department				
1	Agron.501	Modern concept in crop production	3+0	Prof. M. G. Chaudhary
2	Agron.504	Principles and practices of water management	2+1	Dr. D. M. Patel
3	Agron 503	Principles and Practices of Weed Management	2+1	Dr. Veeresh Hatti
Optional courses				
4	Agron.511	Cropping systems and sustainable agriculture	2+0	Dr. A. G. Patel
5	Agron.512	Dry land Agriculture and Watershed Management	2+1	Prof. Piyush Saras
6	Agron.513	Principles and Practices of Organic Farming	2+1	Dr. J. C. Patel
7	Agron.602	Crop ecology	2+0	Dr. P. P. Chaudhary
8	Agron.608	Soil conservation and watershed management	2+1	Dr. P. H. Patel
9	Ag. Met 508	Principles of Remote Sensing and its Application in Agriculture	2+1	Pf. Sevak Das
10	PGS 504	Basic concepts in Lab Techniques	0+1	Dr. C. K. Patel/ Sweta Patel
11	Agron 591/ 691	Seminar	1+0	Dr. J.K. Patel, Soils
Microbiology Department				
1	MICRO 501	Principles of Microbiology	3+1	Dr. N. K. Singh
2	MICRO 504	Soil Microbiology	2+1	Dr. N. K. Singh
3	NEMA 501	Principles of Nematology	2+1	Miss. Poonam Tapre
Agril. Economics				
1	Ag. Econ. 504	Agricultural Production Economics	1+1	Dr. K.P. Thakar
2	Ag. Econ. 506	Research Methodology For Social Sciences	1+1	Dr.Laxmi Rani Dubey
3	Ag. Econ. 507	Econometrics	2+1	Dr. Shiv Raj Singh
4	Ag. Econ. 509	Agricultural Finance And Project Management	2+1	Mrs.Soumya C.
5	Ag. Econ. 604	Advanced Production Economics	2+1	Dr. K.P. Thakar
6	Ag. Econ. 605	Quantitative Development Policy Analysis	1+1	Dr. Shiv Raj Singh
7	Ag.Econ 591/691	Seminar	1+0	Dr. PB Maraviya
Agril. Entomology Department				
1	ENT 501	Insect morphology	1+1	Mr. P. H. Rabari
2	ENT 502	Insect anatomy, physiology and nutrition	2+1	Dr. Sushma Deb
3	ENT 508	Toxicology of insecticides	2+1	Dr. P. S. Patel
4	ENT 510	Principles of integrated pest management	1+1	Mr. C. S. Barad
5	ENT 511	Pests of field crops	1+1	Dr. F.K. Chaudhary
6	ENT 513	Storage entomology	1+1	Dr. Sushma Deb
7	ENT 518	Techniques in plant protection	0+1	Mr. C. S. Barad
8	ENT 611	Molecular Approaches in Entomological Research	1+1	Dr. P. S. Patel
9	PGS 504	Basic concepts in laboratory techniques	0+1	Mr. P. H. Rabari
10	Ent 591/ 691	Seminar	1+0	Mis. Poonam Tapre

Agricultural Statistics Department				
1	PGS 504	Basic Concept in Laboratory Techniques	0+1	Dr. G. K. Chaudhary
2	Stat512	Experimental Designs	2+1	Dr. G. K. Chaudhary
3	Stat 521	Applied Regression Analysis	2+1	Dr. G. K. Chaudhary
4	Stat 531	Data Analysis Using Statistical Packages	2+1	Dr. G. K. Chaudhary
5	Stat 561	Statistical methods	2+1	Dr. P. B. Marviya
6	Stat 563	Multivariate Analysis	2+1	Dr. M. K. Chaudhari
7	Stat 564	Design of Experiments	2+1	Dr. G. K. Chaudhary
8	Stat 565	Sampling Techniques	2+1	Dr. P. B. Marviya
9	Stat 591/691	Seminar	1+0	Dr. P. B. Marviya
Stat. 512 is offered only for the students of Agronomy and Soil Science. For rest of disciplines/faculties, it will be offered in next semester and course No. Stat. 531 is offered for the Ph. D. students of Agricultural Economics.				
Soil Science and Agricultural Chemistry				
1	SOILS 501*	Soils Physics	2+1	Dr. J.K. Malav
2	SOILS 504*	Soil Mineralogy, Genesis, Classification and Survey	2+1	Dr. J.K. Patel
3	SOILS 510	Remote Sensing and GIS Techniques for Soil and Crop Studies	2+1	Dr. J.K. Malav
4	SOILS 511*	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	0+2	Dr. B.T. Patel & Dr. J.M. Patel
5	SOILS 513	Management of Problematic Soils and Waters	2+1	Dr. N.I. Patel
6	SOILS 514	Fertilizer Technology	1+0	Dr. J.R. Jat
7	SOILS 601	Advances in Soil Physics	2+0	Dr. J.K. Malav
8	SOILS 602	Advances in Soil Fertility	2+0	Dr. S.K. Shah
9	SOILS 604	Soil Genesis and Micropedology	2+0	Dr. N.H. Desai
10	SOILS 605	Biochemistry of Soil Organic Matter	2+0	Prof. R.P. Pavaya
11	PGS 504*	Basic Concepts in Laboratory Techniques	0+1	Dr. J.K. Patel
12	Soils 591/691	Seminar	1+0	Dr. J.K. Patel
Extension Education				
1	EXT 502	Development Communication and Information Management	2+1	Dr. K. M. Joshi
2	EXT 503	Diffusion and Adoption of Innovations	2+1	Mr. A. R. Deshpande
3	EXT 505	E-Extension	2+1	Mr. Arnab Biswas
4	EXT 506	Entrepreneurship Development and Management in Extension	2+1	Dr. S. P. Pandya
5	EXT 507	Human Resource Development	2+1	Dr. R. R. Prajapati
6	EXT 591	Seminar	1+0	Dr. K. M. Joshi
7	EXT 601	Advances in Agricultural Extension	2+1	Dr. K. M. Joshi

8	EXT 605	Advances in Instructional Technology	2+1	Dr. J. K. Patel
9	EXT 591/ 691	Seminar	1+0	Dr. PB Maraviya
10	PGS 504	Basic Concept in Laboratory techniques	0+1	Mr. A. R. Deshpande

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Plant Pathology					
1	Pl.Path.502	Plant virology	2+1	Dr. D. S. Patel	
2	Pl.Path.507	Diseases of field and medicinal crops	2+1	Dr.R.F.Chaudhari	
3	Pl.Path.510	Seed Health Technology	2+1	Dr. Jyotka Purohit	
4	Pl. Path. 602	Advanced Virology	2+1	Dr. D. S. Patel	
5	Pl.Path 591/ 691	Seminar	1+0	Mis. Poonam Tapre	
Non Credit Courses					
1	PGS 502	Technical Writing and Communication skill	0+1	Dr. KM Joshi, Asso. Professor & Head, Extn. Education	1st sem.
2	PGS 504 (E-course)	Basic Concepts in Laboratory Techniques	0+1	Teachers of concern Department	1st sem.
3	PGS 505 (E-course)	Agricultural Research, Research Ethics and Rural Development Programme	1+0	Dr. Arnab Biswas, Asstt. Professor, Exn.Edu.	3rd sem.
4	PGS 506 (E-course)	Disaster Management	1+0	Dr. Alok Gora, Asstt. Professor, Deptt. of Agril.Engg.	3rd sem.

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