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#### Acknowledgement

The cooperation extended by all the Heads of Departments and their nominees in preparing their respective time table is thankfully acknowledged. Further, the responsibility for its implementation in letter and spirit also goes to their shoulder. Hopefully, the same would also be borne with all sincerity. Dr. R. K. Naresh, Dr. Nazim Ali, Dr. Adesh Singh, Dr Archana Arya and Dr Jitendra Singh deserve every appreciation for their untiring efforts and patience in finalizing the status. Deans of various colleges are extended special thanks for their whole hearted support in the endeavor. The Saturdays, having been freed from classroom interactions, may be utilized for on-field interactions among students- faculty-administration for strengthening research component of the students. The constant inspiration, motivation and guidance from the worthy Vice-Chancellor is also gratefully acknowledged.

**Dean Post Graduate Studies** 

#### Valuable tips/ Excerpts from Academic Regulations for PG programmes

- The time table should be strictly adhered to. No unscheduled course shall be offered except with the specific permission of Dean PGS and unless the number of students is 5.
- Change in time table can be made only in exceptional condition that too with due permission from the Dean PGS and notification thereof.
- The monitoring about holding of the scheduled classes be done by the Head of the Department and Dean Concerned
- Steps in Registration- payment of dues, advisement by the Advisor, filling of cards, sign of advisor, registration by the concerned instructors and submission of cards with Registrar office
- Any course studied without proper registration will not be awarded any grade
- While signing, Advisor must ensure proper entries in registration cards, total credit hours, no clash etc besides follow up of Academic Regulations
- Proper record of registration and attendance must be maintained by the Instructors. Unauthorized signatures as advisor or instructor are objectionable.
- Credit load for full time student- Maximum -16 & Minimum- 12
- No students shall be permitted to offer a course unless he has cleared pre-requisite courses, In case of failure in pre-requisite, Dean PGS may permit to register for advance course. Concurrent offering may also be permitted by the Dean PGS
- Last date of Registration- not later than 10 working days from scheduled date of Registration while Vice-Chancellor may permit up to 15 working days, no consideration thereafter.
- Addition or withdrawal of courses- application be made on prescribed format with recommendation of all concerned with required fee, addition may be done with permission of Dean within 6 working days from registration and in exceptional case with permission of the Vice-chancellor within 15days from scheduled date of registration
- Withdrawal within 4 weeks with permission of Dean and up to 6 weeks with permission of Vice-Chancellor
- Registration may be cancelled by the Vice-Chancellor or suspended by Dean PGS or DSW or Vice-Chancellor for valid reasons
- No teacher shall leave the campus without making arrangement for the class
- The attendance must be taken whenever class is scheduled whether any student attends or not, notwithstanding
- Reports about the defaulters must be promptly submitted and action taken
- The provision of regulations regarding attendance shall be strictly adhered to
- All PG students with registration for thesis research only shall regularly sign on the register maintained in the Advisor/ HOD office as decided by the department. Any leave for any work outside the university shall require permission from the Dean PGS
- For unavoidable absence from the classes i.e. serious illness, leave should be taken from Dean PGS
- Timely submission of advisory committee, course programme, synopsis etc. and regular conduct of Advisory committee meetings is a must

**Note:** Every care has been taken in summarizing the provisions, however, in case of any discrepancy; the academic regulations shall stand final

# **Class timings**

As listed in time table	To be followed
9-10	9.00-9.50
10-11	9.55-10.45
11-12	10.50-11.40
12-1	11.45-12.35
2-3	2.00- 2.50
2-5	2.00-4.30

## A. Agriculture & Engineering Disciplines

# 1. Agricultural Biotechnology

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
ABT-502	Fundamentals of Molecular Biology	3(3-0-0)	11-12		11-12	10-11			
ABT-503	Molecular Cell Biology	3(3-0-0)	12-1		12-1	11-12			
ABT-504	Techniques in Molecular Biology-I	3(0-0-3)		2-5		2-5	10-1		
ABT-505	Plant Tissue Culture and Genetic Transformation	3(2-0-1)	12-1	2-5			12-1		
ABT-506	Molecular Breeding	2(2-0-0)				12-1	11-12		
ABT-602	Advances in Genetic Engineering	3(3-0-0)		10-11	10-11		10-11		
ABT-603	Advances in Microbial Biotechnology	3(3-0-0)	11-12			2-3	9-10		
ABT-605	Advances in Functional Genomics and Proteomics	2(2-0-0)	12-1		11-12				
ABT-607	Environmental Biotechnology	2(2-0-0)		12-1		11-12			
ABT591/691/ 692	Seminar	1		11-12					

## 2. Agricultural Economics and Management

Course				Class Schedule					
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
AG. ECON 503	Evolution of Economics	1 (1-0-0)			10-11				
AG. ECON 507	Econometrics	3(2-0-1)	10-11	10-11 2-5					

## 3. Agricultural Engineering and Food Technology

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
PFE-501	Transport Phenomena in Food Processing	3(2-0-1)	10-11	2-5	10-1				
PFE-503	Advance Food Processing Engineering	3(2-0-1)	2-5	11-12		11-12			
PFE-504	Unit Operation in Food Process Engineering	3(2-0-1)			10-11 2-5		11-12		
PFE-512	Farm Structure and Environmental Control	2(1-0-1)		12-1		12-1;2-5			
PFE-601	Textural and Rheological Characteristics of Food Material	3(2-0-1)	2-5	10-11	10-11				
PFE-604	Advances in Drying of Food Material	3(2-0-1)	11-12	2-5			10-11		
PFE-591/691	Seminar	1	12-1						

## 4. Agricultural Extension

	Course			Class Schedule							
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat			
EXT-505	e-Extension	3(2-0-1)			12-1	10-1	12-1				
EXT-506	Entrepreneurship Development Management in Extension	3(2-0-1)	10-11		10-11	10-1					
EXT-603	Advances in Training Technology	3(2-0-1)	10-11		9-10 2-5	9-10					
EXT-604	Organizational Development	3(2-0-1)		12-1 2-5		12-1					
EXT-591/691	Seminar	1	12-1								

## 5. Agronomy

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
AGRON 501	Modern Concepts of Crop Production	3(3-0-0)	10-11			9-10	9-10		
AGRON 502	Principles and Practices of Soil Fertility and Nutrient Management	3(2-0-1)		11-12 2-5			11-12		
AGRON 507	Agronomy of Oilseeds, Fiber and Sugar Crops	3(2-0-1)		10-11		10-11	2-5		
AGRON 511	Cropping Systems	2(2-0-0)			10-11		10-11		
AGRON 605	Irrigation Management	3(2-0-1)	9-10		2-5		11-12		
AGRON 606	Advances in Weed Management	2(2-0-0)		9-10	9-10				
AGRON 608	Soil Conservation and Watershed Management	3(2-0-1)		12-1 2-5			12-1		
AGRON 591/691/692	Seminar	1				12-1			

## 6. Entomology

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
ENT 502	Insect Anatomy, Physiology and Nutrition	3(2-0-1)	10-11		11-12 2-5				
ENT 505	Insect Ecology	2 (1-0-1)	10-1		10-11				
ENT 507	Biological Control of Crop Pests and Weeds	2 (1-0-1)		2-5			11-12		
ENT 509	Plant Resistance to Insects	2 (1-0-1)	11-12	2-5					
ENT 511	Pest of Field Crops	2 (2-0-0)		11-12		10-1			
ENT 513	Storage Entomology	2 (1-0-1)	2-5		12-1				
ENT 519	Commercial Entomology	2 (1-0-1)		10-1		10-11			
ENT 605	Insect Behavior	2 (1-0-1)				11-12	10-1		
ENT 606	Recent Trends in Biological Control	2 (1-0-1)			9-10		2-5		
ENT 612	Advanced Integrated Pest Management	2 (2-0-0)		12-1		12-1			
ENT 591/691 /692	Seminar	1	12-1						

## 7. Genetics and Plant Breeding

	Course				Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat			
GP-502	Principles of Cytogenetics	3(2-0-1)	11-12		11-12		2-5				
GP-505	Mutagenesis and Mutation Breeding	3(2-0-1)	11-12			9-10 2-5					
GP-507	Heterosis Breeding	2(1-0-1)				11-12	2-5				
GP-508	Cell Biology and Molecular Genetics	3(2-0-1)				10-11 2-5	11-12				
GP-602	Advanced Biometrical and Quantitative Genetics	3(2-0-1)		11-12	11-12 2-5						
GP-604	Molecular and Chromosomal Manipulations for Crop Breeding	2(2-0-0)		12-1			12-1				
GP-610	In Situ and Ex Situ Conservation of Germplasm	3(2-0-1)		10-11	10-11		2-5				
GP-591/691	Seminar	1			12-1						

#### 8. Horticulture

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
APH-511	Plant Propagation and Nursery Management	3(2-0-1)	11-12	10-11			2-5		
APH-513	Orchard Management	2 (1-0-1)	12-1 2-5						
APH-515	Advanced Pomology	2 (1-0-1)		11-12 2-5					
APH 516	Advanced Olericulture	3(2-0-1)	2-5	12-1	11-12				
APH 521	Advanced Floriculture	3(2-0-1)	12-1 2-5			12-1			
APH 610	Seminar	1				2-3			
APH-731	Post-Harvest Physiology of Horticultural Crops	3(2-0-1)			10-11 2-5	11-12			

## 9. Plant Pathology

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
Pl. Patho. 503	Plant Bacteriology	3 (2-0-1)		2-5	10-11		11-12		
Pl. Patho. 506	Principles of Plant Disease Management	3 (2-0-1)	2-5	12-1			10-11		
Pl. Patho. 507	Disease of Field and Medicinal Crops	3 (2-0-1)			11-12 2-5	12-1			
Pl. Patho. 510	Seed Health Technology	3 (2-0-1)	11-12		12-1		2-5		
Pl. Patho. 511	Chemicals in Plant Disease Control	3 (2-0-1)			2-5	11-12	10-11		
Pl. Patho. 513	Disease Resistance in Plants	2 (2-0-0)	10-11	10-11					
Pl. Patho. 516	Integrated Disease Management	3 (2-0-1)	2-5		11-12	10-11			
Pl. Patho. 518	Epidemiology and Forecasting of Plant Disease	3 (2-0-1)		12-1		10-11	2-5		
Pl. Patho. 601	Advance Mycology	3 (2-0-1)			12-1 2-5	12-1			
Pl. Path.591 / 691/692	Seminar	1	12-1						

## 10. Soil Science

	Course		Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
SOILS 501	Soil Physics	3 (2-0-1)	11-12		2-5	11-12			
SOILS 504	Soil Mineralogy, Genesis, Classification and Survey	3 (2-0-1)		10-11 2-5	11-12				
SOILS 509	Soil Water and Air Pollution	3 (2-0-1)	12-1		10-11	2-5			
SOILS 511	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	2 (0-0-2)	2-5			2-5			
SOILS 605	Bio-chemistry of Soil Organic Matter	2 (2-0-0)		10-11		10-11			
SOILS 591/691/692	Seminar	1					2-3		

#### **B.** Basic Sciences and Humanities

#### 11. Basic Sciences and Humanities

Course			Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
BPY-500	Plant Physiology	3(2-0-1)		12-1 2-5		12-1			
MCA-501	Computer Fundamentals and Programming	3(2-0-1)			12-1		12-1 2-5		
PGS-502	Technical Writing and Communication Skills	1 (0-0-1)	2-5 (A)			2-5 (B)			
STAT-511	Statistical Methods for Applied Science	4 (3-0-1)	9-10	9-10	9-10 2-5				

## C. Biotechnology

## 12. Biotechnology

Course			Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
BTC-520	Cell Signalling	2 (2-0-0)	11-12		11-12				
BTM-520	Molecular Genetics	2 (2-0-0)	10-11			10-11			
BTP-510	Microbial Physiology and Genetics	2 (2-0-0)		11-12			11-12		
BTB-510	Advance Biochemistry	2 (2-0-0)			10-11		10 -11		
BTA-510	Advanced Techniques in Biotechnology	3 (0-0-3)			2 - 5	2 -5	2 - 5		
BTI-530	Radioisotope Tracer and Diagnostics	2 (2-0-0)		12-1	12-1				
BTM-540	Protein Engineering	2 (2-0-0)				12-1	12-1		
BTF-520	Bio-safety, IPR, Patents and Entrepreneurship	2 (2-0-0)		12-1		12-1			
BTS-510	Seminar	1		2-3					

# **D.** Veterinary and Animal Sciences

## 13. Animal Husbandry and Dairying

Course			Class Schedule						
Number	Title	Credit hrs. (L-T-P)	Mon	Tue	Wed	Thu	Fri	Sat	
AAH-470	Sheep Goat and Swine Production	4(4-0-0)	12-1		9-10	12-1	12-1		
AAH-490	Feed Additives	2(2-0-0)		12-1	12-1				
AAH-530	Dairy Farm Management	3(2-0-1)	10-11	10-11	2-5				
AAH-580	Disease of Dairy Animals	2(2-0-0)			10-11		10-11		
AAH-610	Seminar	1						2-3	
AAH-640	Quantitative Genetics as applied to Animal Breeding-I	2(1-0-1)		2-5			9-10		
AAH-670	Feed Stuff Evaluation	2(0-0-2)		2-5			2-5		
AAH-680	Ruminant Nutrition	4(3-0-1)	12-1 2-5			12-1	12-1		
AAH-730	Feed and Fodder Technology	3(2-0-1)	11-12	11-12		2-5			
AAH-740	Energy Nutrition	2(2-0-0)			2-3		11-12		
AAH-760	Vitamin Nutrition	2(2-0-0)		9-10		9-10			
AAH-770	Mineral Nutrition	2(2-0-0)	10-11		10-11				
AAH-780	Advanced Animal Breeding	3(2-0-1)			11-12	10-11	2-5		