

S.No.	COURSE NO.	COURSE TITLE	CREDIT HOURS
SEMESTER-I			
1	PPHY-601	FUNCTIONAL GENOMICS AND GENES ASSOCIATED WITH A FEW PHYSIOLOGICAL PROCESSES	2+0
2	PPHY-603	MOLECULAR APPROACHES FOR IMPROVING PHYSIOLOGICAL TRAITS	2+1
3	PPHY-605	CLIMATE CHANGE AND CROP GROWTH	2+0
4	PPHY-606	POST- HARVEST PHYSIOLOGY	2+1
5	PP-603	MOLECULAR APPROACHES FOR IMPROVING PHYSIOLOGICAL MECHANISMS THROUGH TRAIT INTROGRESSION	2+1
6	PP-604	PLANT PHENOMICS-NEXT GENERATION PHENOMICS PLATFORMS	2+0
7	PP-601	FUNCTIONAL GENOMICS AND GENES ASSOCIATED WITH A FEW PHYSIOLOGICAL PROCESSES	2+0
8	PP-606	GLOBAL CLIMATE CHANGE AND CROP RESPONSE	2+0
9	PP-609	PLANT –MICROBE INTERACTIONS	2+0
10	PPHY/PP-691	DOCTORAL SEMINAR-I	1+0
11	PPHY/PP-692	DOCTORAL SEMINAR-II	1+0
SEMESTER-II			
1	PPHY-602	SIGNAL PERCEPTIONS AND TRANSDUCTION AND REGULATION OF PHYSIOLOGICAL PROCESSES	2+0
2	PPHY-604	TECHNIQUES IN PLANT PHYSIOLOGY	1+2
3	PPHY-607	WEED PHYSIOLOGY AND HERBICIDE ACTION	1+1
4	PPHY-608	SEED PHYSIOLOGY	2+1
5	PP-602	SIGNAL PERCEPTIONS AND TRANSDUCTION AND REGULATION OF PHYSIOLOGICAL PROCESSES	2+0
6	PP-605	EXPERIMENTAL TECHNIQUES TO CHARACTERIZE PLANT PROCESSES FOR CROP IMPROVEMENT	0+2
7	PP-608	SEED AND FRUIT GROWTH AND THEIR QUALITY IMPROVEMENT	2+0
8	PP-610	WEED BIOLOGY AND PHYSIOLOGY OF HERBICIDE ACTION	2+0
9	PP-607	PHYSIOLOGICAL AND MOLECULAR ASPECTS OF SOURCE SINK CAPACITY FOR ENHANCING YIELD.	3+0
10	PP-691	DOCTORAL SEMINAR-I	1+0
11	PP-692	DOCTORAL SEMINAR-II	1+0