JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : B.Sc.Agriculture	Session : Fall 2022	Year : 2022	Sem:III
Course: Fundamentals of Plant Breeding(Practical)			
Name of the Faculty:Dr. Anjani Kumar	Commencement Date:29-8-2022		Date of Closure:30.12.2022

Lecture No.	Week	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
			ICT Tool/Platform/ LMS	Resources	Activity							
1	1	Plant Breeder's kit										
2	2	Study of germplasm of various crops.										
3	3	Study of floral structure of self-pollinated and cross pollinated crops.										
4	4	Emasculation and hybridization techniques in self & cross pollinated crops.										
5	5	Consequences of inbreeding on genetic structure of resulting populations.										
7	6	Study of male sterility system.										
9	7	Handling of segregation populations.										

10	8	Methods of calculating mean, range, variance, standard deviation, heritability.										
11	9	Designs used in plant breeding experiments, analysis of Randomized Block Design.										
12	10	To work out the mode of pollination in a given crop and extent of natural out-crossing. Prediction of performance of double cross hybrids										