JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : B.Sc.Agriculture	Session : Fall 2022	Year : 2022	Sem:V

Course: Crop Improvement-I (Kharif crops)(Theory)

Name of the Faculty: Dr. Anjani Kumar	Commencement Date:29-8-2022	Date of Closure:30.12.2022

Lecture No.	Week	Unit	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	I	Centers of origin, distribution of species, wild relatives in different cereals										
2	2	I	pulses; oilseeds										
3	3	I	fodder crops and cash crops										
4	4	I	vegetable and horticultural crops;										
5	5	II	Plant genetic resources										

6	6	II	utilization and conservation of germplasm										
7	7	II	study of genetics of qualitative trait										
8	8	II	study of genetics of quantitative trait										
9	9	II	study of genetics of qualitative and quantitative characters;										
10	10	III	Major breeding objectives										
11	11	III	procedures including conventional and										
12	12	III	modern innovative approaches for development of hybrids and varieties for yield, adaptability, stability										
13	13	III	abiotic and										
14	14	IV	biotic stress tolerance										
15	15	IV	quality (physical, chemical, nutritional)										
16	16	IV	Hybrid seed										

17	17	IV	Hybrid seed production techniques										
18	18	IV	Hybrid seed production technology of rabicrops										
19	19	IV	Ideotype concept and clim										
20	20	IV	Climate resilient crop varieties for future										