JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : B.Sc. (Hons.) Agriculture	**Session :Fall**	**Year : 2022**	**Sem: V**
Course: Principles of Integrated Pest and Disease Management (Practical)			
Name of the Faculty: Mr. Pratik Chandra Morya	**Commencement Date: 29/08/2022**	**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	Methods of diagnosis and detection of various insect pests, and plant diseases										
2	2	Methods of insect pests and plant disease measurement,										
3	3	Assessment of crop yield losses										

4	4	Calculations based on economics of IPM										
5	5	Identification of biocontrol agents, different predators and natural enemies.										
6	6	Mass multiplication of Trichoderma										
7	7	Mass multiplication of Pseudomonas,										
8	8	Mass multiplication of Trichogramma										
	9	Mass multiplication of NPV etc.										
	10	Identification and nature of damage of important insect pests and diseases and their management										
	11	Crop (agro-ecosystem) dynamics of a selected insect pest and diseases.										

	12	Plan & assess preventive strategies (IPM module) and decision making.										
	13	Crop monitoring attacked by insect, pest and diseases.										
	14	Awareness campaign at farmers' fields.										