JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : B.Sc.(Hons.)Agriculture	**Session :**	**Year : 2022**	**Sem: I**
Course: Introduction to Soil Science (Practical)			
Name of the Faculty: Puja Singh	**Commencement Date:**		**Date of Closure:**

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	1	Study of soil profile in field.										
2	2	2	Study of soil sampling tools, collection of representative soil sample, its processing and storage.										
3	3	3	Study of soil forming rocks and minerals.										
4	4	4	Determination of soil density, moisture content and porosity.										
5	5	5	Determination of soil texture by feel and Bouyoucos Methods.										
6	6	6	Studies of capillary rise phenomenon of water in soil column and water movement in soil.										
7	7	7	Determination of soil pH and electrical conductivity.										

8	8	8	Determination of cation exchange capacity of soil.										
9	9	9	Study of soil map.										
10	10	10	Determination of soil colour.										
11	11	11	Demonstration of heat transfer in soil.										
12	12	12	Estimation of organic matter content of soil.										