

**Lesson Plan & Tracking**

**Programe : M.Sc (Agriculture)**

**Session :**

**Year : 2022**

**Sem: III**

**Course: Soil Biology and Biochemistry(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	Determination of soil microbial population.					2 hrs.					
2	2	2	Soil microbial biomass (C N P)					2 hrs.					
3	3	3	Fractionation of organic matter (HA, FA, Humin, Lignin and humus)					2 hrs.					
4	4	4	Fractionation of functional groups, soil enzymes.					2 hrs.					
5	5	5	Measurement of important soil microbial processes such as nitrification,					2 hrs.					
6	6	6	Measurement of important soil microbial processes such as nitrification,					2 hrs.					
7	7	7	Measurement of N <sub>2</sub> fixation,					2 hrs.					
8	8	8	Measurement of S oxidation					2 hrs.					
9	9	9	Measurement of P solubilization					2 hrs.					