JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
ACCREDITED BY NAAC

Lesson Plan & Tracking

Programe : B.Pharm	Session : 2021-2025	Year : Second	Semester: IIIrd
Course: Pharmaceutical Microbiology (Practical)			
Name of the Faculty: Prof. Syed Mohammad Abdullah	Commencement Date: 29/08/2022	Date of Closure:	

Lecture No.	Week	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Signature of Faculty	Signature of HoD	Remarks (if any)
			ICT Tool/Platform/ LMS	Resources	Activity						
1	1	Introduction and study of different equipments and processing, e.g., B.O.D. incubator, laminar flow, aseptic hood, autoclave, hot air sterilizer, deep freezer, refrigerator, microscopes used in experimental microbiology.									
2	2	Sterilization of glassware, preparation and sterilization of media.									
3	3	Sub culturing of bacteria and fungus.									
4	4	Preparation of nutrient agar stabs and slants.									
5	5	Simple staining method									
6	6	Grams staining method									

7	7	Acid fast staining method									
8	8	Isolation of pure culture of microorganisms by multiple streak plate technique and other techniques.									
9	9	Microbiological assay of antibiotics by cup plate method and other methods									
10	10	Motility determination by Hanging drop method.									