JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe :D.Pharm	**Session : 2022-23**	**Year : 1st**	
Course: Pharmaceutical chemistry (Practical)			
Name of the Faculty: APURWA BHARDWAJ	**Commencement Date:01/09/2022**	**Date of Closure:**	

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	To study the general glassware used in lab.										
2	2	To study the balances used in laboratory.										
3	3	To perform limit test for chloride in given compound.										
4	4	To perform limit test for sulphate in given compound.										
5	5	To perform limit test for iron in given compound.										
6	6	To perform limit test for heavy metals in given compound.										
7	7	Identification tests for anions & cations as per Indian pharmacopoeia.										
8	8	To prepare and standardize sodium hydroxide solution.										
9	9	To prepare and standardize potassium permanganate solution..										
10	10	To perform assay of a given sample of ferrous sulphate.										
11	11	To perform assay of a given sample of ferrous sulphate.										

12	**12**	To perform assay of sodium chloride by Modified Volhard's method. .										
13	**13**	To determine the melting point of organic compounds like Naphthalene.										
14	**14**	To determine the melting point of organic compounds like benzoic acid.										
15	**15**	To determine the boiling point of organic unknown compounds .										
16	**16**	To determine the boiling point of benzene.										
17	**17**	To perform identification & test for purity of aspirin.										
18	**18**	To perform identification & test for purity of caffeine.										
19	**19**	To perform identification & test for purity of paracetamol.										
20	**20**	To perform identification & test for purity of sulphanilamide.										