JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : B. Pharm | **Session : 2021-2025** | **Sem: III**

Course: PHARMACEUTICAL ENGINEERING (PRACTICAL)

Name of the Faculty: RANEET DAS | **Commencement Date:** | **Date of Closure:**

Lecture No.	Week	GROUP	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	A	Determination of radiation constant of iron										
2		B	Determination of radiation constant of iron										
3		C	Determination of radiation constant of iron										
4	2	A	Determination of radiation constant of unpainted glass.										
5		B	Determination of radiation constant of unpainted glass.										
6		C	Determination of radiation constant of unpainted glass.										
7		A	Determination of radiation constant of painted glass.										

8	3	B	Determination of radiation constant of painted glass.										
9		C	Determination of radiation constant of painted glass.										
10	4	A	Construction of drying curves										
11		B	Construction of drying curves										
12		C	Construction of drying curves										
13	5	A	determination of moisture content and loss on drying										
14		B	determination of moisture content and loss on drying										
15		C	determination of moisture content and loss on drying										
16	6	A	determination of dew point temperature by dew point method										
17		B	determination of dew point temperature by dew point method										
18		C	determination of dew point temperature by dew point method										

19		A	Size analysis by sieving – To evaluate size distribution of tablet granulations – Construction of various size frequency curves										
20	7	B	Size analysis by sieving – To evaluate size distribution of tablet granulations – Construction of various size frequency curves										
21		C	Size analysis by sieving – To evaluate size distribution of tablet granulations – Construction of various size frequency curves										
22		A	Demonstration of colloid mill, planetary mixer, fluidized bed dryer, freeze dryer and such othermajor equipment.										
23	8	B	Demonstration of colloid mill, planetary mixer, fluidized bed dryer, freeze dryer and such othermajor equipment.										
24		C	Demonstration of colloid mill, planetary mixer, fluidized bed dryer, freeze dryer and such othermajor equipment.										
25		A	To study the effect of time on the Rate of Crystallization.										
26	9	B	To study the effect of time on the Rate of Crystallization.										
27		C	To study the effect of time on the Rate of Crystallization.										
28		A	To calculate the uniformity Index for given sample by using Double Cone Blender.										

29	10	B	To calculate the uniformity Index for given sample by using Double Cone Blender.										
30		C	To calculate the uniformity Index for given sample by using Double Cone Blender.										