

Academic Calendar Report

Mr. Jabbar Abbas Rajput (Professor)

Course:	Pharmaceutics-IVA (Industrial Pharmacy)	Program:	PHARM-D
Batch:	2022-23	Semester/Year:	4th Year - 7th Semester

S.No.	Date	Week	Teacher	Description
1	13/01/2026	Week 1	Mr. Jabbar Abbas Rajput	Introduction
2	13/01/2026	Week 1	Mr. Jabbar Abbas Rajput	Heat and mass transfer
3	20/01/2026	Week 2	Mr. Jabbar Abbas Rajput	Drying
4	27/01/2026	Week 3	Mr. Jabbar Abbas Rajput	Drying
5	28/01/2026	Week 4	Mr. Jabbar Abbas Rajput	COMMUNITON (SIZE REDUCTION): Reasons for size reduction, Factors affecting size reduction, size analysis, Sieving, Energy Mills (Ball Mill, Endrumer, Edge Rumer, Disintegrant, Colloid Mill, Hammer Mill, Cutter Mill and Fluid Energy Mill etc.).
6	03/02/2026	Week 5	Mr. Jabbar Abbas Rajput	COMMUNITON (SIZE REDUCTION): Reasons for size reduction, Factors affecting size reduction, size analysis, Sieving, Energy Mills (Ball Mill, Endrumer, Edge Rumer, Disintegrant, Colloid Mill, Hammer Mill, Cutter Mill and Fluid Energy Mill etc.).
7	10/02/2026	Week 6	Mr. Jabbar Abbas Rajput	COMMUNITON (SIZE REDUCTION): Reasons for size reduction, Factors affecting size reduction, size analysis, Sieving, Energy Mills (Ball Mill, Endrumer, Edge Rumer, Disintegrant, Colloid Mill, Hammer Mill, Cutter Mill and Fluid Energy Mill etc.).
8	17/02/2026	Week 7	Mr. Jabbar Abbas Rajput	MIXING: Fundamentals, Mechanisms, Mixing Equipment used in Liquid/Liquid, Liquid/Solid and Solid/Solid mixing.
9	17/02/2026	Week 8	Mr. Jabbar Abbas Rajput	MIXING: Fundamentals, Mechanisms, Mixing Equipment used in Liquid/Liquid, Liquid/Solid and Solid/Solid mixing.
10	24/02/2026	Week 9	Mr. Jabbar Abbas Rajput	MIXING: Fundamentals, Mechanisms, Mixing Equipment used in Liquid/Liquid, Liquid/Solid and Solid/Solid mixing.
11	03/03/2026	Week 10	Mr. Jabbar Abbas Rajput	CLARIFICATION AND FILTRATION: Theory, Filter Media, Filter aids, Filter selection and Equipment (Leaf filter, Filter press, Meta filters and Rotary filters).

S.No.	Date	Week	Teacher	Description
12	10/03/2026	Week 11	Mr. Jabbar Abbas Rajput	CLARIFICATION AND FILTRATION: Theory, Filter Media, Filter aids, Filter selection and Equipment (Leaf filter, Filter press, Meta filters and Rotary filters).
13	17/03/2026	Week 12	Mr. Jabbar Abbas Rajput	EVAPORATION: General principles of Evaporation, Evaporators and Evaporation under reduced pressure.
14	24/03/2026	Week 12	Mr. Jabbar Abbas Rajput	EVAPORATION: General principles of Evaporation, Evaporators and Evaporation under reduced pressure.
15	31/03/2026	Week 13	Mr. Jabbar Abbas Rajput	COMPRESSION AND COMPACTION: The solid-air Interface, Angle of Repose, Flow rates, Mass volume relationship, Density, Heckel Plots, Consolidation, Granulation, Friability, Compression (dry method, wet method, slugging), Physics of Tableting, tableting machines and other equipment required, problems involved in tableting, tablet coating. Capsulation: Hard and soft gelatin capsules.
16	07/04/2026	Week 14	Mr. Jabbar Abbas Rajput	COMPRESSION AND COMPACTION: The solid-air Interface, Angle of Repose, Flow rates, Mass volume relationship, Density, Heckel Plots, Consolidation, Granulation, Friability, Compression (dry method, wet method, slugging), Physics of Tableting, tableting machines and other equipment required, problems involved in tableting, tablet coating. Capsulation: Hard and soft gelatin capsules.
17	14/04/2026	Week 15	Mr. Jabbar Abbas Rajput	COMPRESSION AND COMPACTION: The solid-air Interface, Angle of Repose, Flow rates, Mass volume relationship, Density, Heckel Plots, Consolidation, Granulation, Friability, Compression (dry method, wet method, slugging), Physics of Tableting, tableting machines and other equipment required, problems involved in tableting, tablet coating. Capsulation: Hard and soft gelatin capsules.

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