

Academic Calendar Report

Dr. Muhammad Yousuf Siddu Jat (Associate Professor)

Course:	Pharmaceutics-IIA (Dosage Forms Science)	Program:	PHARM-D
Batch:	2024-25	Semester/Year:	2nd Year - 3rd Semester

S.No.	Date	Week	Teacher	Description
1	13/01/2026	Week 1	Dr. Muhammad Yousuf Siddu Jat	Some Fundamentals of Measurements and Calculations. The Metric System. The Common Systems. Conversions. Calculation of Doses. Weights and Volumes of Liquids. HLB Values. Industrial Calculations
2	19/01/2026	Week 2	Dr. Muhammad Yousuf Siddu Jat	Some calculations involving Hydrogen-ion concentration. Calculations involving isotonic, electrolyte and buffer solutions.
3	27/01/2026	Week 3	Dr. Muhammad Yousuf Siddu Jat	Introduction to various pharmaceutical Dosage form, oral, topical, transdermal, parenteral, suppositories. Ingredients of various pharmaceutical Dosage form
4	03/02/2026	Week 4	Dr. Muhammad Yousuf Siddu Jat	Pharmaceutical product formulations
5	10/02/2026	Week 5	Dr. Muhammad Yousuf Siddu Jat	Introduction to Galenical preparations: Infusions and Decoctions
6	16/02/2026	Week 6	Dr. Muhammad Yousuf Siddu Jat	Extracts, Fluid extracts, Tinctures, Aromatic waters. Solvents use in pharmaceutical dosage forms
7	24/02/2026	Week 7	Dr. Muhammad Yousuf Siddu Jat	Solutions: their preparation, dry mixtures for solution, oral rehydrate solutions, oral colonic lavage solution
8	03/03/2026	Week 8	Dr. Muhammad Yousuf Siddu Jat	Syrup: components and preparation of syrups. Elixirs: Preparation of elixirs, Medicated and non-Medicated elixirs. Spirits: Preparation of Spirits
9	26/03/2026	Week 9	Dr. Muhammad Yousuf Siddu Jat	Oral suspensions, emulsions, magma and gels: Preparations, examples and importance

S.No.	Date	Week	Teacher	Description
10	31/03/2026	Week 10	Dr. Muhammad Yousuf Siddu Jat	Topical and transdermal drug delivery systems: Introduction of Ointments, Creams, Pastes, Poultice, Plasters, Lotions, Liniments, Topical gels, Topical Tinctures, Collodions, Topical solutions, Topical powders, Percutaneous absorption, Transdermal systems in use
11	06/04/2026	Week 11	Dr. Muhammad Yousuf Siddu Jat	Mid-term examination
12	07/04/2026	Week 11	Dr. Muhammad Yousuf Siddu Jat	Ophthalmic, nasal and otic preparations: Ophthalmic solutions, suspensions, ointment, inserts, contact lens solutions. Nasal decongestant solutions, Decongestant inhalers
13	13/04/2026	Week 12	Dr. Muhammad Yousuf Siddu Jat	Ear preparations: Anti-infective, anti-inflammatory and analgesic

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