

# Academic Calendar Report

Dr. Muhammad Yousuf Siddu Jat (Associate Professor)

<b>Course:</b>	Pharmaceutics-VIIA (Pharmaceutical Technology)	<b>Program:</b>	PHARM-D
<b>Batch:</b>	2021-22	<b>Semester/Year:</b>	Final Year - 9th Semester

S.No.	Date	Week	Teacher	Description
1	15/01/2026	Week 1	Dr. Muhammad Yousuf Siddu Jat	Introduction of Pharmaceutical technology. Principles of Pharmaceutical Formulation and dosage form design
2	19/01/2026	Week 2	Dr. Muhammad Yousuf Siddu Jat	Preformulation studies and Biopharmaceutical aspects of dosage form design
3	26/01/2026	Week 3	Dr. Muhammad Yousuf Siddu Jat	Chemical and therapeutics aspects of dosage form design. Excipients related factors effecting dosage form desing
4	02/02/2026	Week 4	Dr. Muhammad Yousuf Siddu Jat	Various steps in development of new pharmaceutical dosage forms
5	09/02/2026	Week 5	Dr. Muhammad Yousuf Siddu Jat	Introduction of pharmaceutical granulations, wet and dry granulation. Mechanism of granulation and compaction theories
6	16/02/2026	Week 6	Dr. Muhammad Yousuf Siddu Jat	Slugging and roller Compaction
7	23/02/2026	Week 7	Dr. Muhammad Yousuf Siddu Jat	Extrusion and spheronization, techniques and methodology,
8	02/03/2026	Week 8	Dr. Muhammad Yousuf Siddu Jat	Rapid Release Granulation, techniques and methodology
9	26/03/2026	Week 9	Dr. Muhammad Yousuf Siddu Jat	Granulation by single pot processing
10	30/03/2026	Week 10	Dr. Muhammad Yousuf Siddu Jat	Introduction to the polymers use in drug delivery system

S.No.	Date	Week	Teacher	Description
11	06/04/2026	Week 11	Dr. Muhammad Yousuf Siddu Jat	Midterm examination
12	06/04/2026	Week 11	Dr. Muhammad Yousuf Siddu Jat	Microencapsulation, spray dry and phase separation by solvent evaporation
13	13/04/2026	Week 12	Dr. Muhammad Yousuf Siddu Jat	Microencapsulation by coacervation and interfacial polymerization.

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