

Giani Zail Singh Campus College of Engineering & Technology, MRSPTU, Bathinda
 Department of Textile Engineering
 Proposed Lecture Plan

Subject: Post Spinning Operations

Course: M. Tech. (Textile Engg.) Regular

Semester: 2nd

Subject Code: MTEXD1-212

Batch: 2022

S. No.	Week	Topic	No. of Lectures to be delivered (L+T)	Cumulative lectures
1	1 st	Drawing Process, Neck Drawing.	4	4
2	2 nd	Initiation and Propagation of Neck, Neck Stabilization, Natural Draw Ratio,	4	8
3	3 rd	Effect of Temperature and Strain Rate on Neck Drawing, Prediction of Neck Formation,	4	12
4	4 th	Influence of Drawing on Structure and Properties of Filament, Spin - Draw process.	4	16
5	5 th	Texturing: Texturing and Warping Process.	4	20
6	6 th	Material and Process Variables in Texturing and Their Influence on Yarn Quality	4	24
	7 th	Recent Advances in Texturing.	4	28
8	8 th	Testing and Evaluation of Textured Yarn Properties of Fabrics Made from Textured Yarn.	4	32
9	9 th	Heat Setting: Heat Setting Process.	4	36
10	10 th	Parameters for Heat Setting.	4	40
11	11 th	Equipment for Heat Setting and Evaluation of Degree of Set.	4	44
12	12 th	Multifilament Sewing Threads: Post Spinning Operation	4	48
13	13 th	Post Spinning Operation on Multifilament Sewing Threads	4	52
14	14 th	Post Spinning Operation on Multifilament Sewing Threads	4	56
15	15 th	Revision of Drawing & Stretching, Texturing, Heat Setting & Multiple swing Threads	4	60

