

Semester wise plan of Guest lectures to be delivered at NITRA, Ghaziabad

Discipline : Textile Technology

Sl. No.	Academic Course	Semester	Subject under the Semester	Time slot require	IS No.	Title of the lecture
i)	B. Tech in Textile Technology	3rd Semester	a) Textile fibre-I b) Yarn manufacture-I c) Fabric manufacture-I d) YM-I & FM-I lab e) Textile fibre testing lab	90 minutes	IS 697, IS 2319, IS 5910, IS 8331, IS 11206, IS 17269, IS 1582 : 2017 , IS 9586 : 1980, IS 15090 (Parts 1 to 11) : 2002, IS 15824 : 2008, IS 17618 (Parts 1 to 7)	Product diversification of various natural fibres and their applications – I (Wool and Silk)
ii)	B.Tech in Textile Technology	4th Semester	a) Textile Fibre II b) Textile Fibre II Lab c) Yarn manufacture-II d) Fabric manufacture-II e) YM-II & FM-II lab	90 minutes	IS 271, IS 2818, IS 5476, IS 9113, IS 12650, IS 15138, IS 16186, IS 898 : 2020, IS 11420 (Part 19) : 2020, IS 17734 : 2022, IS 8391 (Part 1) : 2019, IS 8391 (Part 2) : 2020, IS 8391 (Part 3) : 2019, IS 17739	Product diversification of various natural fibres and their applications – II (Cair and Jute)
iii)	B.Tech in Textile Technology	5th Semester	a) Textile testing-I b)Fabric Structure & Design c) Chemical Processing of Textile –I d) Structure & Properties of fibre e) Non-Wovn Technology/Textured Technology f) Textile Testing-I lab g) Fabric Structure and Design Lab h) Chemical Processing of Textile –I Lab	90 minutes x 2	a) IS/ISO 105 X12, IS/ISO 105 X04, IS/ISO 105 C10, IS/ISO 105 B01, IS/ISO 105 B02, IS/ISO 105 E04, IS 667, IS 15370, IS 10099 b) IS 233 (Part 1 to 4), IS 1966 (Part 1) : 2009, IS 1966 (Part 2) : 2009, IS 1969 (Part 1), IS 1969 (Part 2), IS 2702 (Part 1), IS 3674 : 2020, IS 16576 : 2016	a) Standardization in the field of Chemical methods of testing-I b) Standardization in the field of Physical methods of testing-I
iv)	B.Tech in Textile Technology	6th Semester	a) Yarn manufacture-II b) Fabric manufacture-II c)Chemical Processing of Textile –I d) Theory of Textile Structure e) Yarn manufacture-II Lab f) Fabric manufacture-II Lab g)Chemical Processing of Textile –I Lab	90 minutes x 2	a) IS 1390, IS 14563 (Part 1), IS 14563 (Part 2), IS 17529, IS 15651, IS 17530 (Part 1 & 2), IS 17813, IS 17813 (Part 1, 2 & 3) b) IS 6489 (Part 1) : 2011, IS 6489 (Part 2) : 2011, IS 6489 (Part 3) : 2011, IS 6489 (Part 4) : 2011, IS 7702, IS 10971 (Part 1) , IS 10971 (Part 2), IS 10971 (Part 3), IS 10971 (Part 4) : 2022, IS 11056, IS 12673 (Parts 1 to 4)	a) Standardization in the field of Chemical methods of testing-II b) Standardization in the field of Physical methods of testing-II

Sl. No.	Academic Course	Semester	Subject under the Semester	Time slot require	IS No.	Title of the lecture
v)	B.Tech in Textile Technology	7th Semester	a) Knitting Technology b) Technical Textiles Knitting Technology Lab	90 minutes x 3	a) IS 15748 : 2022/ ISO 11612 : 2015, IS 15809 : 2018, IS 16874 : 2018, IS 16655 : 2017, IS 16725 : 2018, IS 16726 : 2018, IS 17217 : 2019, IS 16890, IS 17051 : 2018 b) IS 17423, IS 16289, IS 17334, IS 17509, IS 5405, IS 17514, IS 4605 c) IS 15351, IS 16008 (Parts 1 & 2), IS 16390, IS 16513, IS 16718, IS 17358 (Parts 1 & 2), IS 17728 IS 17729	a) Standardization in the field of Protech (Protective textiles) b) Standardization in the field of Medtech (Medical textiles) c) Standardization in the field of Agrotech

Semester wise plan of Guest lectures to be delivered at IIT, Delhi

Discipline : Textile Engineering

Sl. No.	Academic Course	Semester	Subject under the Semester	Time slot require	IS No.	Title of the lecture
i)	B.Tech in Textile Engineering	3rd Semester	a) Textile machines and processes b) Natural fibre c) Yarn manufacture-I d) Fabric manufacture-I e) YM-I & FM-I lab f) Textile fibre testing lab	90 minutes x 2	a) IS 697, IS 2319, IS 5910, IS 8331, IS 11206, IS 17269, IS 1582 : 2017 , IS 9586 : 1980, IS 15090 (Parts 1 to 11) : 2002, IS 15824 : 2008, IS 17618 (Parts 1 to 7) b) IS 271, IS 2818, IS 5476, IS 9113, IS 12650, IS 15138, IS 16186, IS 898 : 2020, IS 11420 (Part 19) : 2020, IS 17734 : 2022, IS 8391 (Part 1) : 2019, IS 8391 (Part 2) : 2020, IS 8391 (Part 3) : 2019, IS 17739	a) Product diversification of various natural fibres and their applications – I (Wool and Silk) b) Product diversification of various natural fibres and their applications – II (Coir and Jute)
ii)	B.Tech in Textile Engineering	4th Semester	a) Man-made fibres b) Textile chemical processing-I c) Yarn manufacture-II d) Fabric manufacture-II e) YM-II & FM-II lab	90 minutes	IS/ISO 105 X12, IS/ISO 105 X04, IS/ISO 105 C10, IS/ISO 105 B01, IS/ISO 105 B02, IS/ISO 105 E04, IS 667, IS 15370, IS 10099	Standardization in the field of Chemical methods of testing-I

Sl. No.	Academic Course	Semester	Subject under the Semester	Time slot require	IS No.	Title of the lecture
iii)	B.Tech in Textile Engineering	5th Semester	a) Theory of textile machines b) Textile testing-I c) Properties of fibre d) Textile Testing-I lab e) Non-conventional fabric manufacture lab	90 minutes	IS 233 (Part 1 to 4), IS 1966 (Part 1) : 2009, IS 1966 (Part 2) : 2009, IS 1969 (Part 1), IS 1969 (Part 2), IS 2702 (Part 1), IS 3674 : 2020, IS 16576 : 2016	Standardization in the field of Physical methods of testing-I
iv)	B.Tech in Textile Engineering	6th Semester	a) Textile Testing II b) Textile Design and Analysis c) Garment Technology d) Non-Woven Technology e) Textile Testing II Lab Garment Technology Lab f) Sustainability in Textiles	90 minutes x 2	a) IS 1390, IS 14563 (Part 1), IS 14563 (Part 2), IS 17529, IS 15651, IS 17530 (Part 1 & 2), IS 17813, IS 17813 (Part 1, 2 & 3) b) IS 6489 (Part 1) : 2011, IS 6489 (Part 2) : 2011, IS 6489 (Part 3) : 2011, IS 6489 (Part 4) : 2011, IS 7702, IS 10971 (Part 1) , IS 10971 (Part 2), IS 10971 (Part 3), IS 10971 (Part 4) : 2022, IS 11056, IS 12673 (Parts 1 to 4)	a) Standardization in the field of Chemical methods of testing-II b) Standardization in the field of Physical methods of testing-II
v)	B.Tech in Textile Engineering	7th Semester	a) Knitting Technology b) Technical Textiles c) Textured Yarn Technology d) Processing of Man Made Fibres and Blended Textiles e) Functional Finishes Knitting Technology Lab	90 minutes x 3	a) IS 15748 : 2022/ ISO 11612 : 2015, IS 15809 : 2018, IS 16874 : 2018, IS 16655 : 2017, IS 16725 : 2018, IS 16726 : 2018, IS 17217 : 2019, IS 16890, IS 17051 : 2018 b) IS 17423, IS 16289, IS 17334, IS 17509, IS 5405, IS 17514, IS 4605	a) Standardization in the field of Protech (Protective textiles) b) Standardization in the field of Medtech (Medical textiles) c) Standardization in the field of Agrotech