	(সিলেবাস ভ			
Subject Cod			eriod) per Week	Credit
21231	FABRIC MANUFACTURING- I	T	P	C
		3	3	4
	Fabric manufacturing is one of the core Fabric manufacturing involves the conversion are various types of fabrics e.g. woven, knowed for various purposes such as dress mand bandages used by doctors etc. The whole been covered in four courses e.g. Fabric manufacturing-1 will deal formation that will help to build up a care subsequent courses of fabric manufacturing	cnitted, nonvaterials, sho nole fabric r nanufacturin with basic er in this se	yarns to the fabrical	etc. There, etc. are quito nets dies have the present
Outcome (Theoretical)	 After completion of the subject, students Classify & explain the different types weaving and knitting. Describe the winding process with the and cop winding machine. Explain the warping process with we beam, and ball warping. Explain sizing, size ingredients & sizing. Define drafting, and denting along with Describe knit fabric and different knitted. After completion of the subject, students. 	e working principles of fabrics or working principles in drafting dring element	and properties brinciples of the ciples of section in slasher sizing enting procedure ts of the knitting	cone, pirmal warpin machine.
Outcome (Practical)	 Identify different types of fabric. Identify different yarn packages used winding machines. Demonstrate the working procedure of Observe the warping process involved Demonstrate the working procedure machine. Choose different size materials and for sizing. Observe the procedure of drafting and Point out the different knitted fabricating machine. 	cone, spool, in the industry of the section organize yell denting in	g in cone, spoo pirn, & cop win astry. onal, beam, and arn in slasher s	d ball was sizing mandustry.

PRIME PUBLICATIONS !

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SL	Topics with Contents	Class	Final	
No.		(1 Period)	Marks	
1	Basic Concepts of Weaving 1.1 Classify the fabric. 1.2 Describe the characteristics of different types of fabrics. 1.3 Define weaving, warp, and weft yarns. 1.4 Mention the flow chart of the conventional and modern weaving process. 1.5 Describe the properties of yarn used for weaving. 1.6 Discussion Chronological development of looms. 1.7 Define primitive Loom, hand loom, power loom and shuttleless loom.	5	7	

1	1	PRIME PUBLICATIONS PRIME PUBLICATIONS PRIME PUBLICATIONS PRIME PUBLICATIONS PRIME PUBLICATIONS		
E PUBLICATIONS F PUBLICATIONS	2	Winding Process 2.1 Define winding. 2.2 List the objectives of winding. 2.3 Classify the winding. 2.4 Illustrate the different types of yarn packages. 2.5 Describe different types of traversing motion. 2.6 Describe the different types of yarn guides at t	IONS IONS I	8
ACATIONS PRIM	1. 1.	2.7 Discuss the faults and remedies of winding. Winding Machine 3.1 Describe the working principle of cone winding machine. 3.2 Describe the working principle of pirn winding machine. 3.3 Discuss the working principle of cop winding machine. 3.4 Describe the working principle of auto-coner. Warping Process 4.1 Define warping. 4.2 Mention objectives of warping.	5	BEINE PUBLICATIONS BRINE
PRIME PUBL	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Classify the warping processes. Prepare warping plan for 10000 (ten thousand) meters of grey and plain-woven fabric 20 × 20, 60 × 60, width 60 inch. Calculate the production and efficiency of warping processes. Describe the consequences of end breakage during warping. Discuss the methods of improving quality of warping. Discuss the faults and remedies in warping process.	5	SNOAVONBNA BWIRM SNOAVONBNA BWIRM PRIME PUBLICATIONS PRIME PUBLICATIONS
PRIME PUBLICATIONS PRIME PUBLICATIONS	5 5.3 5.4 5.5 5.6	Describe the functions of different parts of sectional warping machine. Describe the working principle of sectional warping machine. Discuss the purpose of tapering of warp beam.	3	ENGINATIONS ENGINATIONS ENGINE PUBLICATIONS ENGINE PUBLICATIONS
6	Bea 6.1 6.2 6.3 6.4 6.5	List the objectives of beam warping machine. Mention the functions of different parts of beam warping machine. Describe the working principle of beam warping machine. List the objectives of ball warping machine. Mention the functions of different parts of ball warping machine. Describe the working principle of ball warping machine.	3	8
7		Process Define sizing. List the objectives of sizing. Mention the different types of size ingredients. Mention the functions of size ingredients. Point out the factors to be considered for selection of size ingredients. Mention the various size recipe for different types and count of yarn.	1	8

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11/		PRIME PUBLICATIONS PRIME PUBLICATIONS	PRIME PUBLICA		PRIME PURSUE VICTORIA		14
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13	13.2 Dist 13.3 Disc 13.4 Disc 13.5 Disti 13.6 Defi	ine hand knitti inguish betweens the single cuss the double inguish betweene the single j	ing and power knitting een circular and flat ke e jersey fabric. e jersey fabric. een single jersey and c jersey machine. jersey machine.	nitting machine.	100	4	6
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