

RGPV (DIPLOMA WING) BHOPAL		OCB CURRICULUM FOR THE COURSE		FORMAT- 3	Sheet No. 1/3
Branch	TEXTILE TECHNOLOGY		Semester	FIFTH	
Course Code	502	Course Name	WEAVING-II		
CourseOutcome 1	To understand the concept and details of Automatic looms and shuttleless looms			Teach Hrs	Marks
Learning Outcome 1	To understand the concept and details of automatic looms			10	10
CONTENT	Automatic looms and its importance, advantages of automatic loom and types of automatic looms				
Method of Assessment	Paper pen test				
Learning Outcome 2	To understand the concepts and details of shuttleless looms			10	10
CONTENT	The study of advantages of shuttleless looms over shuttle looms, Classification of shuttleless looms and future prospects.				
Method of Assessment	Paper pen test				
CourseOutcome 2	To understand the details of Projectile Weaving machines				
Learning Outcome 1	To understand the principles and concepts of projectile weaving machines			10	10
CONTENT	Principle of Sulzer weaving, general details and key features of sulzer weaving machines				
Method of Assessment	Paper pen test				
Learning Outcome 2	To understand the details of primary motions of projectile weaving machines			10	10
CONTENT	Projectile torsion bar picking mechanism, weft insertion and cycle, Beating up motion				
Method of Assessment	Paper pen test				
CourseOutcome 3	To understand the concept and details of Rapier weaving machines				

Learning Outcome 1	To understand the principle and details of various types of rapier looms	10	10
CONTENT	The study of advantages of rapier looms, the principle of rapier weaving and various types of rapier looms		
Method of Assessment	Paper pen test		
Learning Outcome 2	To study the details of Rapier Weaving machines like weft insertion, selvage etc	10	10
CONTENT	The weft insertion cycle and principle, the selvages and its formation, Central rapier clamp control, weft filling scissors etc		
Method of Assessment	Paper pen test		
Course Outcome 4	To understand the concepts, principles and details of Jet weaving machines		
Learning Outcome 1	To understand the concepts, principles and details of air jet weaving machines	10	10
CONTENT	Introduction, Principle of air jet picking, nozzle function, measuring unit, sucking unit, Uses of confuser and profied reed		
Method of Assessment	Paper pen test		
Learning Outcome 2	To understand the details of water jet weaving machine	10	10
CONTENT	Introduction, principle of water jet picking, weft insertion cycle of water jet picking, fundamental problems in hydraulic weft insertion system		
Method of Assessment	Paper pen test		
Course Outcome 5	To understand the concepts and principle of Multi Phase weaving and Narrow looms		
Learning Outcome 1	To understand the principles and key features of multi phase weaving machine	10	10
CONTENT	Introduction of multi phase weaving, principle of multi phase weaving, weft insertion cycle of muti phase weving		
Method of Assessment	Paper pen test		
Learning Outcome 2	To understand the principles and features of narrow loom weaving machine	10	10
CONTENT	Principle of narrow loom, passage of material and details of narrow loom, the main products on narrow loom		

Method of Assessment	Paper pen test
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CO 1

LO 3 To sketch the passage of material through automatic loom and show the important parts

CO 2

LO 3 To sketch the passage of material through shuttleless loom and show the important parts

CO 3

LO 3 To sketch the passage of material through rapier weaving loom and show the important parts

CO 4

LO 3 To sketch the passage of material through air jet and water jet weaving loom and show the important parts

CO 5

LO 3 To sketch the passage of material through multi phase weaving loom and show the important parts