

CODE	SUBJECT	CREDIT
10180302	Furniture & ergonomics - I	4
AIM		
	To understand the ergonomics of the Residential interior furniture and to understand how furniture provide human comfort	
CONTENT:-		
	<ul style="list-style-type: none"> • To understand the ergonomics of different interior furniture products through literature and case studies • Understanding of different furniture types and their uses for residential interior purposes • Understanding role of various materials like wood, metal, stone, glass, plastic, fabrics etc, in designing furniture • Understanding various type of joineries and its application • Different tools demonstration and site visits at furniture workshop to understand how furniture are developed with those tools • Designing and developing different residential interior furniture to understand how furniture is made and its practical aspects with all comfort measures. 	
METHODOLOGY:-		
	<ul style="list-style-type: none"> • Literature study and various case studies with presentation to understand ergonomics. • Making of different joineries (Special focus on wood joineries) at workshop to understand its practical and physical behaviour • Understanding of different residential interior furniture through literature and case studies • Site visits to understand how furniture are manufactured • Designing and Making of different residential furniture at workshop out of wood and combination of different materials with wood 	
REFERENCE BOOK:-		
	<ul style="list-style-type: none"> • Alvar Aalto: Second Nature-Import, by Mateo Kries, Jochen Eisenbrand • Hans J. Wenger: Just one Good Chair – by Christian Holmstedt Olesen • Design of 20th Century – y Charlotte & Peter Fiell • Human Dimensions and Interior Space: A source Book of Design Reference Standards – by Julius Panero, Martin Zelnik • Interior Design, John F. Pile, Harry N.Abrams Inc Publishers, New York • Furniture Design: An introduction to Development, Materials and Manufacturing – by Stuart Lawson • The Encyclopaedia of Furniture, Joseph Aronson, Crwon Publishers, New York • Interior Design & Decoration, Sherril Whiton, Prentice Hall • Interior Design, Francis D.K. Ching, John Wiley & Sons, New York • Office Furniture, Susan S.Szenasy, Facts on file Inc, New York • Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York 	